***San***  *yil*

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *7-8-sinf algebra kursini takrorlash*

***Maqsad: a) ta’limiy:***  *O’quvchilardan o’tilgan mavzular, tushunchalar,ta’riflarni so’rash orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Klaster va BBB , aqliy hujum usullaridan foydalangan holda, venn diagrammasi,**Sherigingni top o’yini, mustaqil ish.*

***Darsning xronologik jadvali***

|  |  |  |  |
| --- | --- | --- | --- |
| ***t/r*** | ***Dars etaplari*** | ***vaqti*** | ***Usuli*** |
| ***1*** | ***Tashhkiliy qism*** | ***2- minut*** |  |
| ***2*** | ***Uyga vazifani so’rash*** | ***3-minut*** | ***Guruh sardorlari yordamida*** |
| ***3*** | ***O’tgan mavzuni takrorlash*** | ***5- minut*** | ***BBB usuli yordamida*** |
| ***4*** | ***Yangi mavzu bayoni*** | ***20-minut*** | ***Guruhlarga bo’lish orqali*** |
| ***5*** | ***Dasrni mustahkamlash*** | ***13- minut*** | ***Aqliy hujum usulidan*** |
| ***5*** | ***Uyga vazifa va xulosalash*** | ***2-minut*** |  |

***Darsning borishi***

1. ***Tashkiliy ishlar***  *(2-minut) O’quvchilar sinf xonasiga kirib joylashadilar . davomat aniqlanib , darsga tayyorgarlik tekshiriladi ,o’quvchilar guruhlarga bo’lib olinadi.*

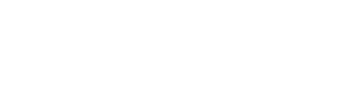
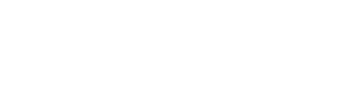
***1-guruh:*** *Xorazmiy*

***2-guruh:*** *Beruniy*

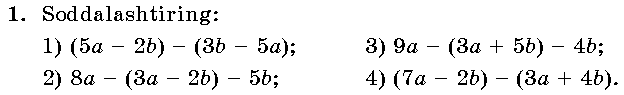
1. ***Uyga vazifani so’rash*** *(3-minut) Uyga vazifa so’raladi va teksiriladi .*
2. ***O’tgan mavzuni so’rash*** *.(5-minut)*

*a) 7-8-sinf algebrada o’tilgan mavzular yuzasidan “aqliy hujum ” o’tkaziladi . Bunda o’quvchilar barchasi ishtiroki ta’minlanadi . Bunda 1-o’quvchi bobga doir bir termin aytadi . 2-o’quvchi 1-o’quvchi aytgan terminni aytib yana o’zi ham termin aytadi. 3- o’quvchi o’zidan oldinga terminlarni aytib o’zi ham termin aytadi . jarayon shu tarzda davom etadi*

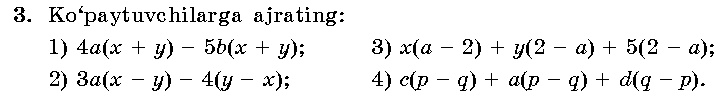
*b) Hisoblang*:



***Yangi mavzu bayoni****: (20-minut)*



*Javoblari: 1)10a-5b; 2)5a-3b; 3)6a-9b; 4)4a-6b.*



*Javoblari: 1)(x+y)(4a-5b); 2)(x-y)(3a+4); 3)(a-2)(x-y-5); 4)(p-q)(c+a-d).*

*TESTLAR:*

1. Hisoblang:



A) B) C) D)



2.Soddalashtiring:



A)4 B)-2x C)-4 D)2x

3.Hisoblang: =



A)-2,5 B)0,25 C)2,5 D)-5,2

4. Bir ishni 10 kishi 8 kunda bajara oladi. 2 kundan so’ng, uchinchi kuni ularga yordam berish uchun bir necha kishi kelib qo’shildi va qolgan ish 4 kunda bajarildi.Nechta ishchi kelib qo’shilgan?

A) 3ta B)4ta C)5ta D)6ta

5. Hisoblang: 4,21(31)+3,31(21)

A)7 B)7,52 C)7,(51) D)7,51(9)



KALIT: 1-C; 2-C; 3-A; 4-C; 5-A.

***DARSNI MUSTAHKAMLASH***

Tenglamalar sistemasini yeching: {



A)(-4;4) B)(4;4) C)(-4;4) D)(4;-4)

***Baholash:***

***Uyga vazifa:*** *6-7 – misollarni yechib kelish.*

**Sana:** yil

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** 8-sinf algebra kursini takrorlash

**Maqsad: a) ta’limiy:**  O’quvchilardan o’tilgan mavzular, tushunchalar,ta’riflarni so’rash orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Aralash dars

**Dars uslubi** : Klaster , aqliy hujum usullari,sherigingni top o’yini, mustaqil ish. **Darsning xronologik jadvali**

|  |  |  |  |
| --- | --- | --- | --- |
| **t/r** | **Dars etaplari** | **vaqti** | **Usuli** |
| **1** | **Tashhkiliy qism** | **2- minut** |  |
| **2** | **Uyga vazifani so’rash** | **3-minut** | **Guruh sardorlari yordamida** |
| **3** | **O’tgan mavzuni takrorlash** | **5- minut** | **BBB usuli yordamida** |
| **4** | **Yangi mavzu bayoni** | **20-minut** | **Guruhlarga bo’lish orqali** |
| **5** | **Dasrni mustahkamlash** | **13- minut** | **Aqliy hujum usulidan** |
| **5** | **Uyga vazifa va xulosalash** | **2-minut** |  |

**Darsning borishi:**

1. **Tashkiliy ishlar**  (2-minut) O’quvchilar sinf xonasiga kirib joylashadilar . davomat aniqlanib , darsga tayyorgarlik tekshiriladi ,o’quvchilar guruhlarga bo’lib olinadi.
2. **Uyga vazifani so’rash** (3-minut) Oldingi dars mavzusi va uyga vazifa so’raladi va teksiriladi .
3. **O’tgan mavzuni so’rash** .(5-minut)

8-sinf algebrada o’tilgan mavzular yuzasidan “aqliy hujum ” o’tkaziladi . Bunda o’quvchilar barchasi ishtiroki ta’minlanadi . Bunda 1-o’quvchi bobga doir bir termin aytadi . 2-o’quvchi 1-o’quvchi aytgan terminni aytib yana o’zi ham termin aytadi. 3- o’quvchi o’zidan oldinga terminlarni aytib o’zi ham termin aytadi . jarayon shu tarzda davom etadi

**Yangi mavzu bayoni**: (20-minut)

1.Tenglamalar sistemasini yeching: {



A)(-4;4) B)(4;4) C)(-4;4) D)(4;-4)

2.Hisoblang**:**

3.Hisoblang:



A)-4 B)4 C)-5 D)5

4.Tenglamani yeching: 6-



5.Tenglamalar sistemasini yeching: {



A)(-4;4) B)(4;4) C)(-4;4) D)(4;-4)

6. Taqqoslang: 1020 va 2010

A) > B)< C)≥ D)≤

**DARSNI MUSTAHKAMLASH**

7.Tengsizliklar sistemasini yeching:

8.Tengsizlikni yeching: I3x-1I4



A)[-1; ] B)[-1;5] C)(1;] D)(-1;)

9.Sonlarni taqqoslang: va 5



**Baholash:**

**Uyga vazifa:** 12-13misollar.

**Sana:** yil

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** 8-sinf algebra kursini takrorlash

**Maqsad: a) ta’limiy:**  O’quvchilardan o’tilgan mavzular, tushunchalar, ta’riflarni so’rash orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** O’quvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Aralash dars

**Dars uslubi** : Klaster , aqliy hujum usuli, mustaqil ish

Dars jihozi: tarqatmalar, darslik

1. **Tashkiliy qism.**

Salomlashish. Navbatchi axborotini tinglash. O’quvchilar davomatini olish.

1. **O’tilgan mavzuni takrorlash.**

Uyga vazifani so’rash.

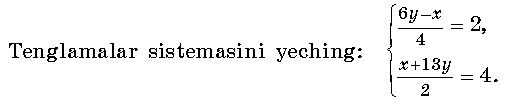
“Klaster” usuli:

Bir o’quvchi doskada matematik

terminlarni yozadi:

kvadrat ildiz, tenglama, teorema,…

Mustaqil ish:



Yechish: 6y-x=8 x=6\* -8= -8= -2 .

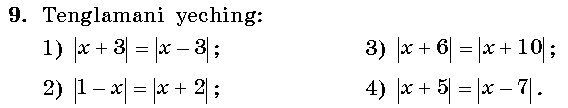


x+13y=8

19y=16; y= J: (-2 ; )



1. **Yangi mavzuning bayoni.**



Yechish: 1) (x+3)2= (x-3)2 3)(x+6)2=(x+10)2

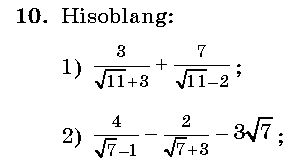
x2+6x+9= x2-6x+9 x2+12x+36= x2+20x+100

12x=0; x=0. -8x=64; x= -8.

2) (1-x)2= (x+2)2 4) (x+5)2= (x-7)2

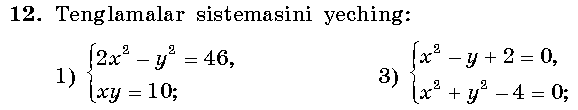
1-2x+x2= x2+4x+4 x2+10x+25= x2-14x+49

-6x=3; x= -0,5. 24x=24; x=1.



Yechish: 1) x1=4; x2=-1. 2) x1= ; x2=1. 3) x1=7; x2= -11.

1. **Mustahkamlash.**



Yechish: 1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Baholash.** O’quvchilar bilimini baholash.
2. **Uyga vazifa.** №12(2,4) ; №13- misollar.

**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** y= ax2+bx+c funksiya

**Maqsad: a) ta’limiy:**  O’quvchilarga kvadrat funksiya, uning ta’rifini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Yangi bilim berish.

**Dars uslubi** : Savol- javob

Jihozlar: Chizg’ich, tarqatmalar, rangli shakllar.

1. **Tashkiliy qism.**

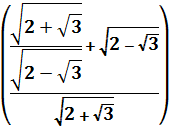
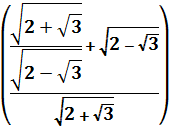
Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

Mustaqil ish:

1**. 2** ni hisoblang.

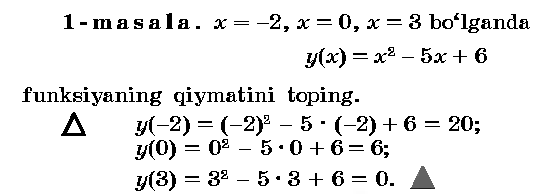
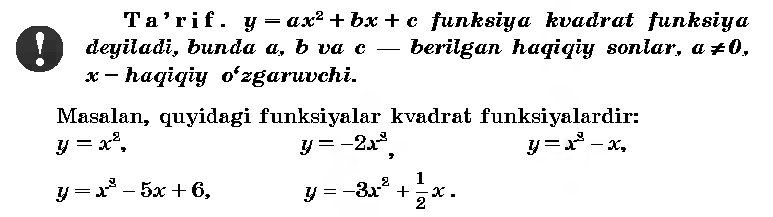


A)16; B)18; C)14; D)12;

2. **1998 2002+ 1997 2001** yig’indining oxirgi raqamini toping.

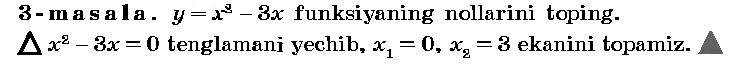
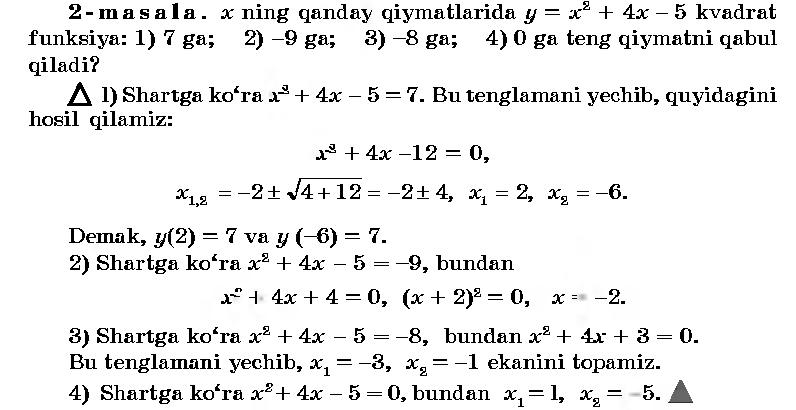
A)1; B)5; C)3; D)7

**III. Yangi mavzuning bayoni**



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| X | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| Y= x2-2x+3 | 18 | 11 | 6 | 3 | 2 | 3 | 6 |

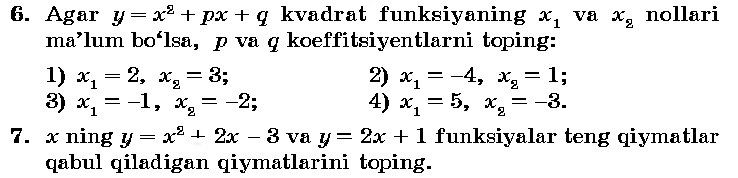
**IV.Mustahkamlash.24-26 –misollar.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 6-7 –misollar.



**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** y= x2 funksiya

**Maqsad: a) ta’limiy:**  O’quvchilarga y= x2 funksiya, uning grafigi va

xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida

tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, dunyoqarashi

va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Yangi bilim berish.

**Dars uslubi** : Savol- javob

**Jihozlar:** Chizg’ich, tarqatmalar, rangli shakllar.

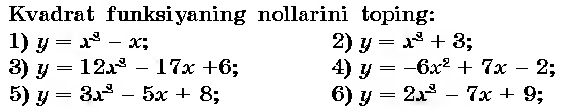
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

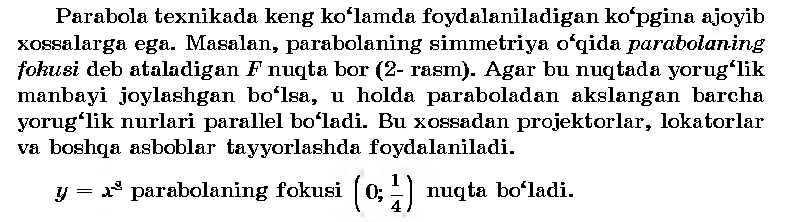
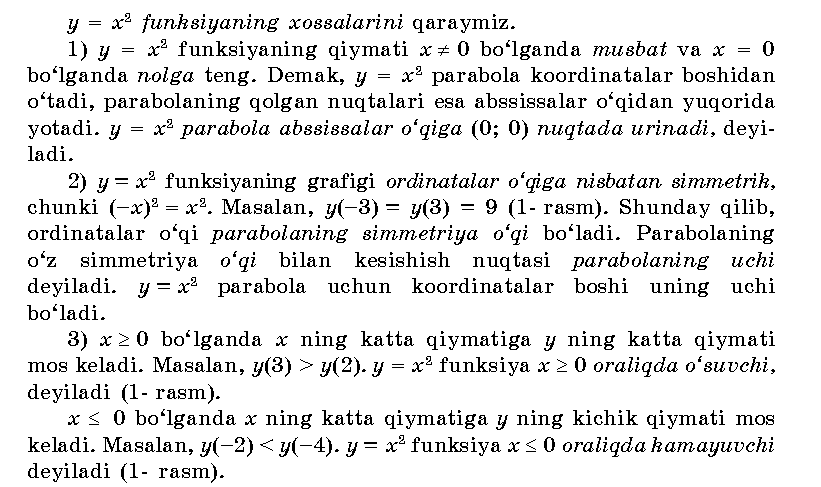
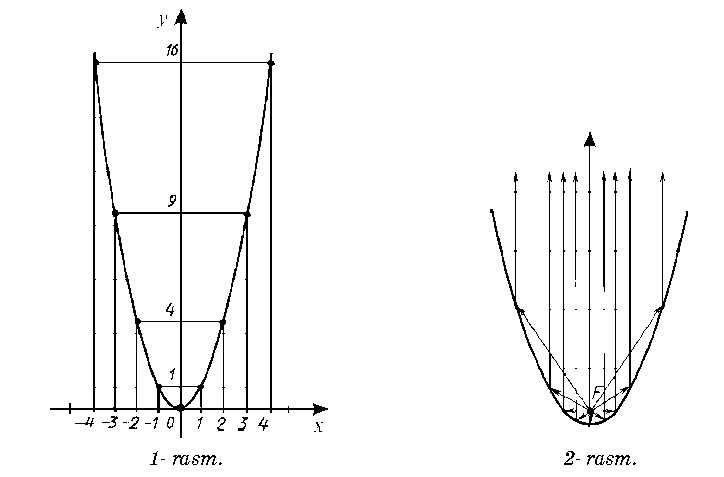
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

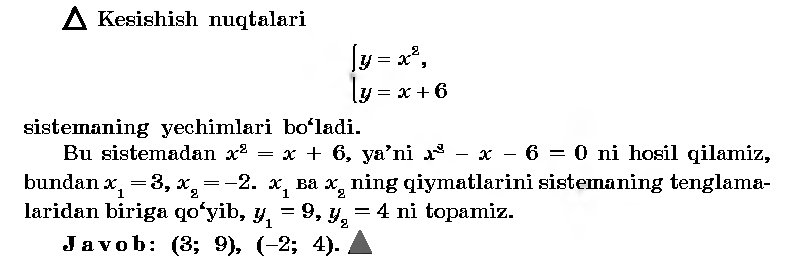
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**III. Yangi mavzuning bayoni**



**IV.Mustahkamlash.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 14-16 –misollar.

**Sana:** 12.09. 2014

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** y= ax2 funksiya

**Maqsad: a) ta’limiy:**  O’quvchilarga y= ax2 funksiya, uning grafigi va

xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida

tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, dunyoqarashi

va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Yangi bilim berish.

**Dars uslubi** : Savol- javob

**Jihozlar:** Chizg’ich, tarqatmalar, rangli shakllar.

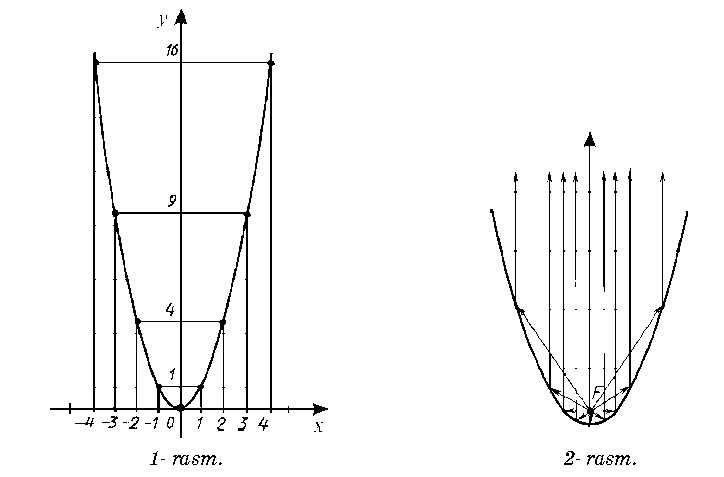
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

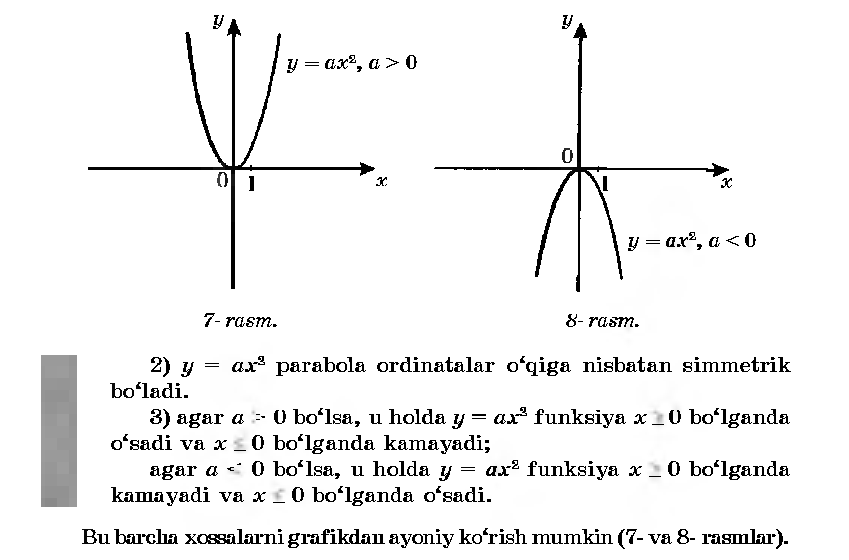
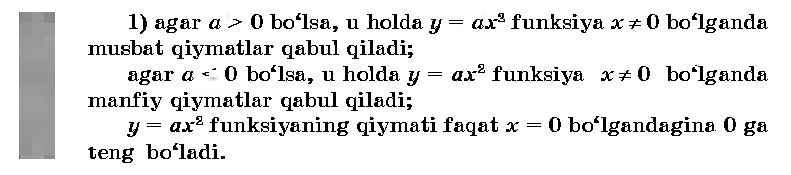
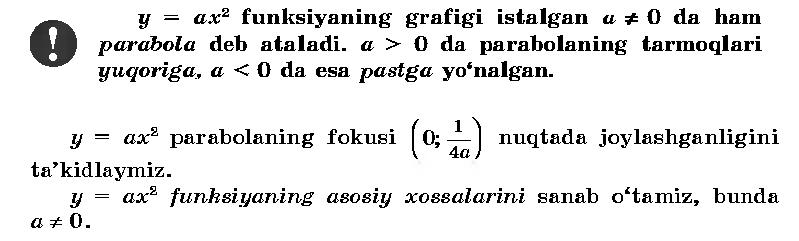
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

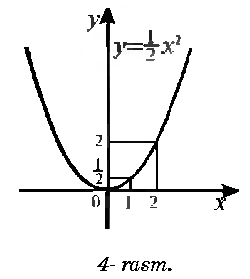
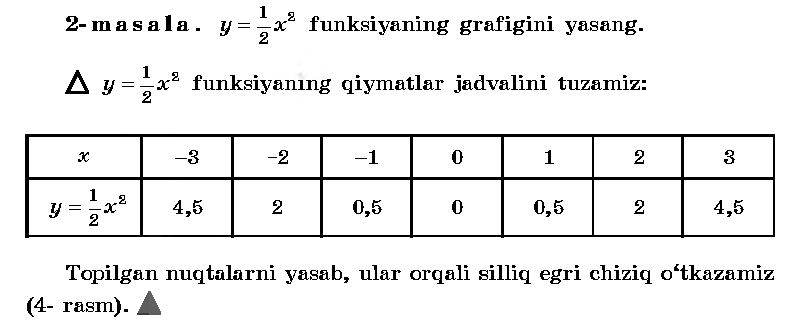
Savol: - Parabola nima?



1. **Yangi mavzuning bayoni**



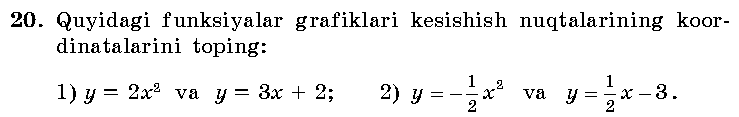
**IV.Mustahkamlash.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 20-21 –misollarni yechish.



**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** Misollar yechish.

**Maqsad: a) ta’limiy:**  O’quvchilarga y= ax2 funksiya, uning grafigi va

xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida

tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, dunyoqarashi

va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Aralash dars.

**Dars uslubi** : Savol- javob

**Jihozlar:** Chizg’ich, tarqatmalar, rangli shakllar.

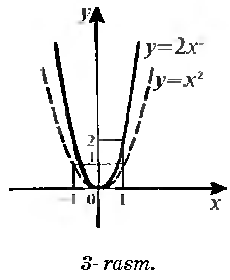
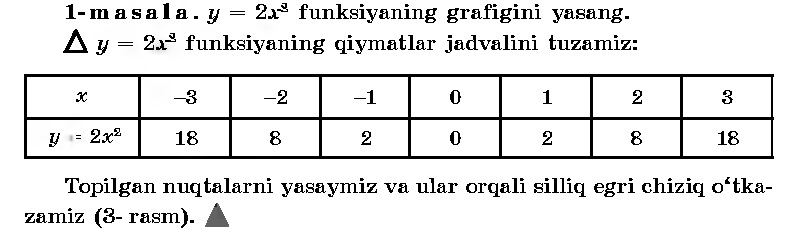
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

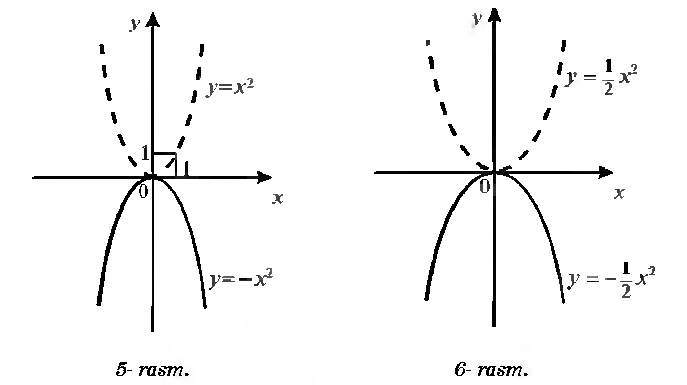
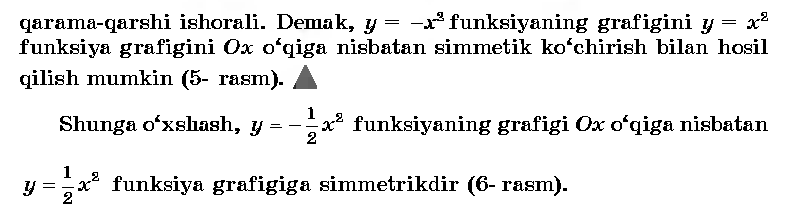
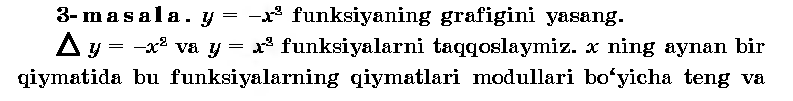
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

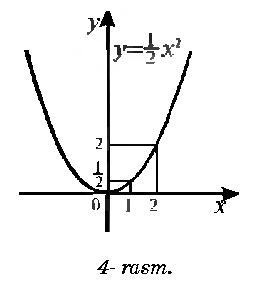
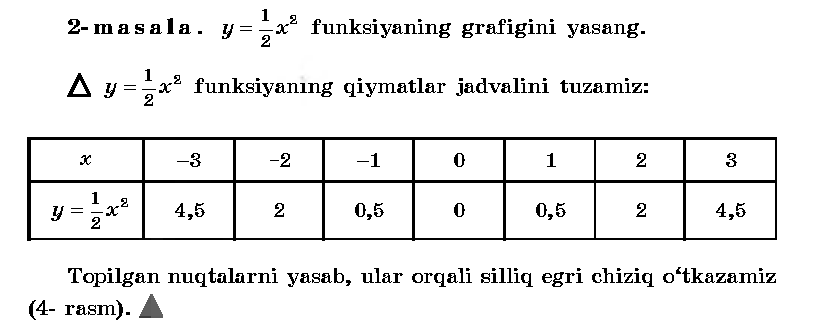
**Mustaqil ish:**



1. **Yangi mavzuning bayoni**



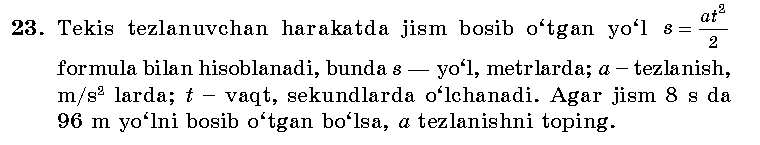
**IV.Mustahkamlash.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 23 –misol.



**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** y= ax2+bx+c funksiya

**Maqsad: a) ta’limiy:**  O’quvchilarga kvadrat funksiya xossalari va uning grafigini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Yangi bilim berish.

**Dars uslubi** : Savol- javob

Jihozlar: Chizg’ich, tarqatmalar, rangli shakllar.

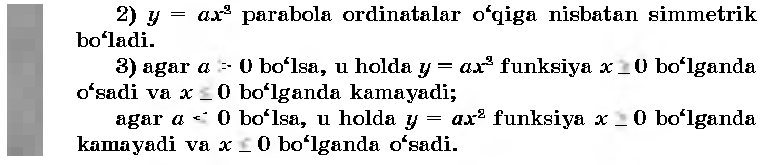
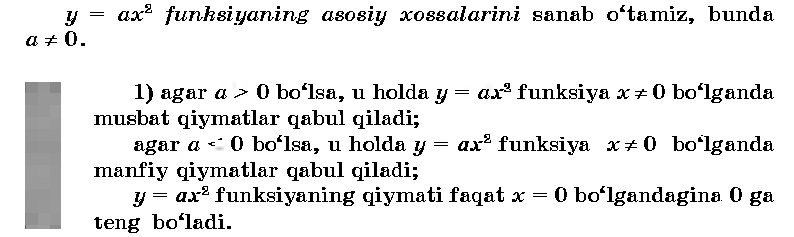
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

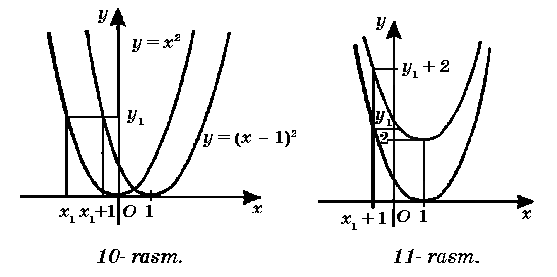
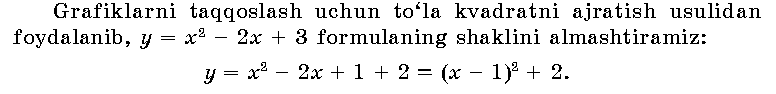
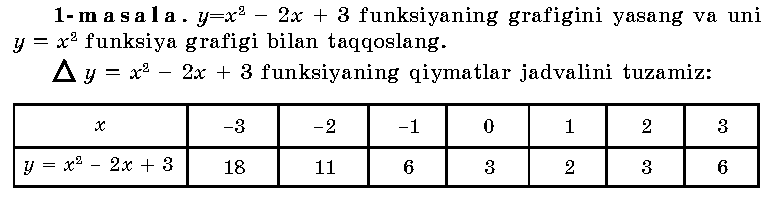
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

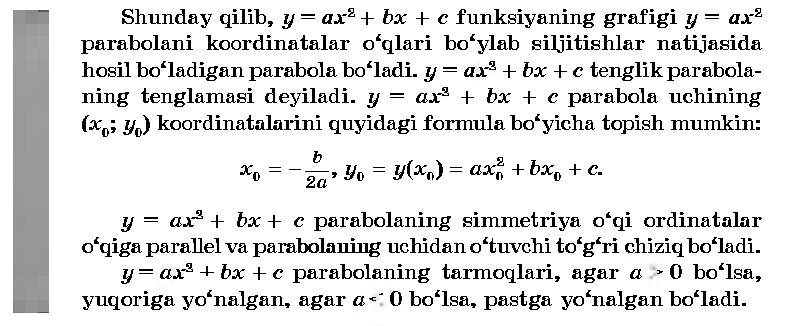
Mustaqil ish:



**III. Yangi mavzuning bayoni**



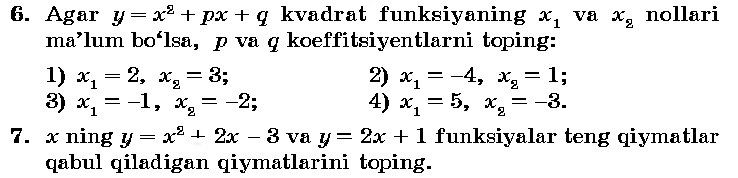
**IV.Mustahkamlash.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 6-7 –misollar.



**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** Misollar yechish.

**Maqsad: a) ta’limiy:**  O’quvchilarga kvadrat funksiya xossalari va uning grafigini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Aralash dars.

**Dars uslubi** : Savol- javob

Jihozlar: Chizg’ich, tarqatmalar, darslik.

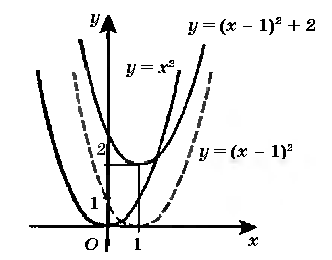
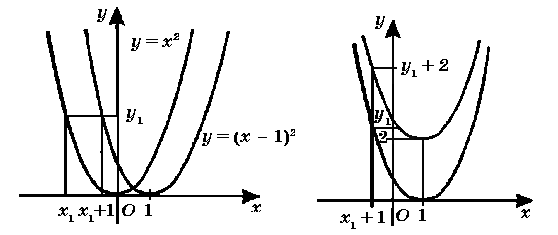
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

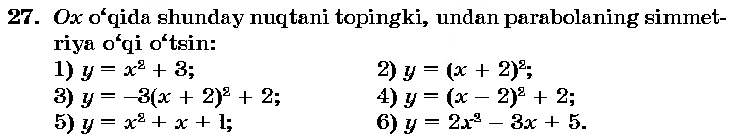
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

Mustaqil ish: y=(x-1)2 va y=(x-1)2 +2 funksiyalarning grafigini yasang.



**III. Yangi mavzuning bayoni**



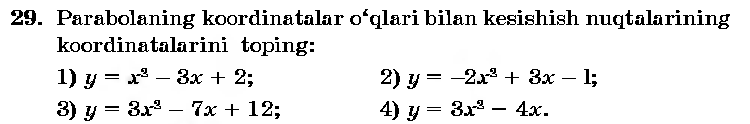
Yechish: 1) x0= 2) x0=



3) x0= 4) x0= =2.



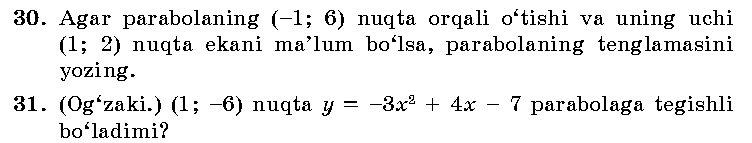
Yechish: x0= J: (5;10) va (5;0) nuqtalardan o’tadi.



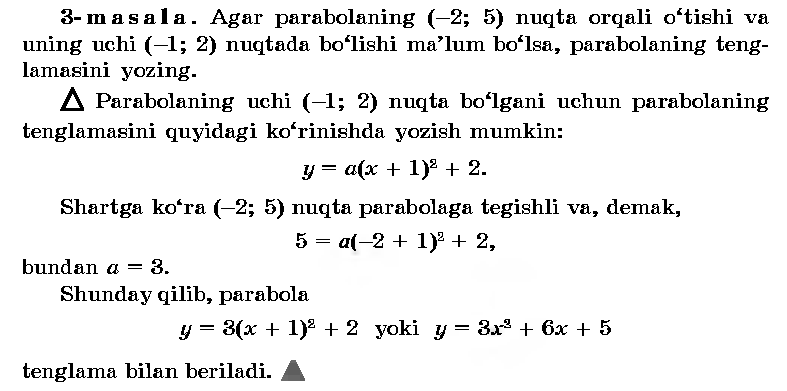
Yechish: 1) x2-3x+2=0; x1=1; x2=2; OX o’qi bilan (1;0) va (2;0) nuqtalarda; OY o’qi bilan (0;2) nuqtalarda kesishadi.

2) -2x2+3x-1=0; x1=1; x2=0,5; OX o’qi bilan (1;0) va (0,5;0) nuqtalarda; OY o’qi bilan (0;-1) nuqtalarda kesishadi.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



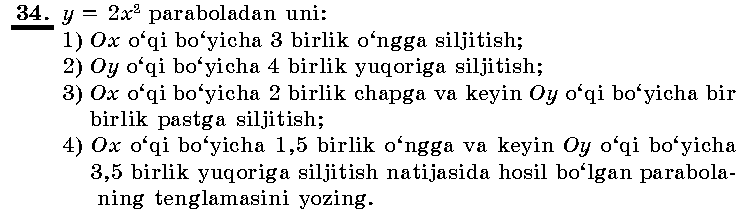
**IV.Mustahkamlash.**



**V.Baholash.**

Darsda faol qatnashgan o’quvchilarni baholash.

**VI.Uyga vazifa.** 34 –misol.



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Kvadrat funksiya grafigini yasash.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat funksiya, uning grafigiini chizishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida Milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash, ajdodlarimiz ijodi bilan tanishtirish;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

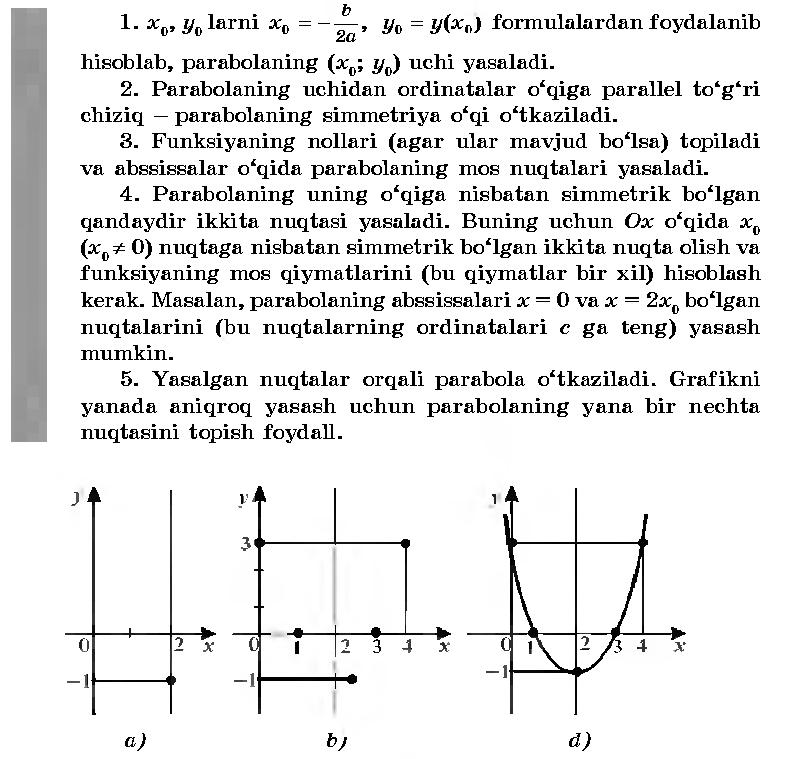
1. *Y=x2+ 3x-4 funksiyaning grafigini yasash*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *X* | *-1* | *0* | *1* | *2* | *-4* |
| *Y* | *-6* | *-4* | *0* | *6* | *0* |

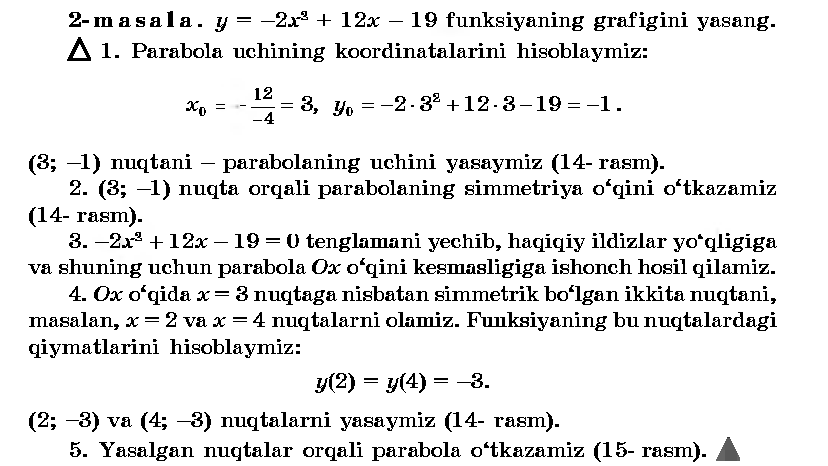
1. *Y=-(x2- 5x+4) funksiyaning grafigini yasash*

|  |  |
| --- | --- |
| *x* | *Y* |
| *0* | *-4* |
| *1* | *0* |
| *2* | *2* |
| *4* | *0* |
| *-1* | *-10* |

1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 38 –misol***

**Sana**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** Misollar yechish. №39- 44

**Maqsad: a) ta’limiy:**  O’quvchilarga kvadrat funksiya, uning grafigini chizishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Aralash dars

**Dars uslubi** : Savol- javob

Darsning borishi

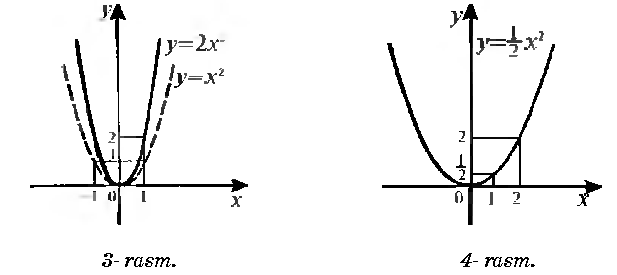
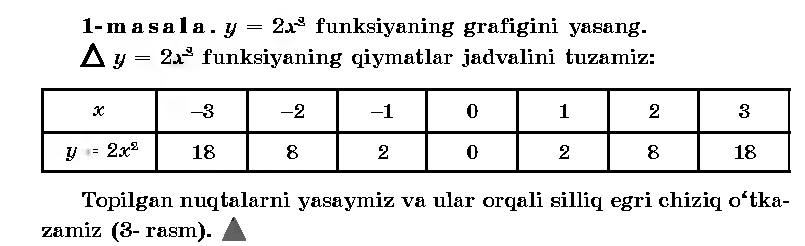
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

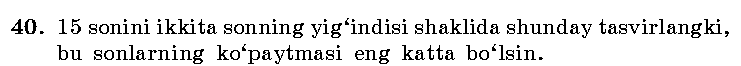
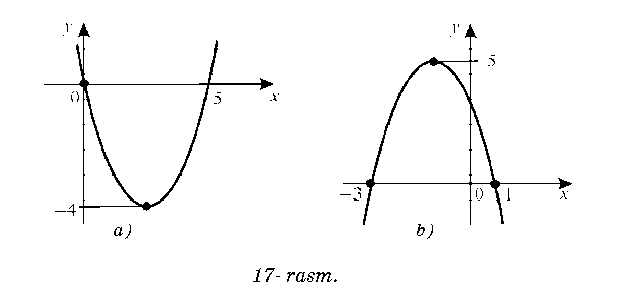
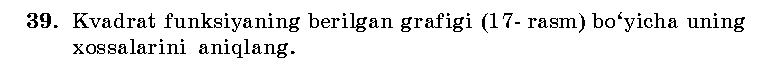
1. **O’tilgan mavzuni so’rash**

Uyga vazifalarni tekshirish.

Mustaqil ish:



1. **Yangi mavzuning bayoni**



**Yechimi:** 15=7+8 (7\*8=56)

15=1+14 (1\*14=14); 15=3+12 (3\*13=39);

15=2+13 (2\*13=26); 15=4+11 (4\*11=44);

Javob: 15=7+8.



Yechimi: 1+9=10 (13+93=1+729=730);

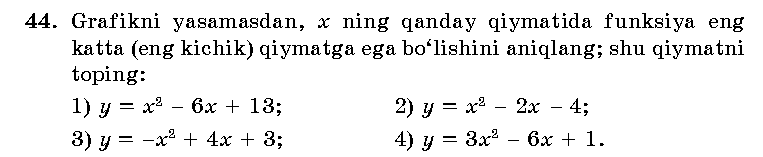
2+8=10 (23+83=8+512=520);

3+7=10 (33+73=27+313=360);….. 5+5=10 (53+53=125+125=250)

Javob: 5 soni.

**IV.Mustahkamlash. 44 –misol**

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



**V.Baholash**

**VI.Uyga vazifa. 37, 45 –misollar.**

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish. №47- 50*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat funksiya, uning grafigini chizishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*1.Y=2x2+x-4 funksiyaning grafigini yasash*

*Parabola uchini topib olamiz: x0=- =- ;*



*Y0=*2\*(-)+ (-)- 4= -4,75 demak, (-0,25 ; -4,75)



|  |  |
| --- | --- |
| *x* | *Y* |
| *-1* | *-3* |
| *0* | *-4* |
| *1* | *-1* |
| *2* | *6* |
| *-2* | *2* |

*2.Y=-x2- 2x+3 funksiyaning grafigini yasash*

*Parabola uchining koordinatalarini topamiz:*

*x0=- =- ;*



*Y0=-(-1)2- 2\*(-1)+3=-1+2+3=4*

*Parabola uchi (-1;4) nuqtada bo’ladi.*

|  |  |
| --- | --- |
| *x* | *Y* |
| *0* | *3* |
| *1* | *0* |
| *2* | *-5* |
| *-3* | *0* |
| *-1* | *4* |

***III. Yangi mavzuning bayoni***

***47 -misol.***

*X=-2, x=0, x=3 bo’lganda y(x)= x2-5x+6 funksiyaning qiymatini toping.*

*Yechish: y(-2)=(-2)2-5(-2)+6=20*

*Y(0)=02-5(0)+6=6*

***48-masala.***

*X ning qanday qiymatlarida y= x2+4x-5 kvadrat funksiya 7ga, -9ga, 0ga teng qiymatni qabul qiladi?*

*Yechish: Shartga ko’ra x2+4x-5=7. Bu tenglamani yechib, x1=2 va x2=-6 ni hosil qilamiz.*

*Demak, y(2)=7 va y(-6)=7.*

***49-masala.***

*Y= x2-3x funksiyaning nollarini toping.*

*Yechish: x2-3x=0 tenglamani yechib, x1=0 va x2=3 ekanini topamiz.*

***IV.Mustahkamlash. 50 –misol***

*50- misol. y= x2-7x+10 funksiyaning grafigini yasang.*

*Parabola uchining koordinatalarini topamiz:*

*X0=- 3,5 Y0=(3,5)2-7\*3,5+10=12,25-24,5+10=-2,25*



*Uchi (3,5; -2,25)nuqtada bo’ladi*

***V.Baholash***

***VI.Uyga vazifa. 52- 53 –misol***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*

***Maqsad: a) ta’limiy:***  *O’quvchilarning kvadrat funksiya, uning grafigini yasashga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

1. *Y= - funksiyaning grafigini yasang.*
2. *Y=x2-4x-5 funksiyaning grafigini yasang. Grafikdan y=0, y<0, y>0 bo’ladigan oraliqlarni , funksiya kamayish va o’sish oraliqlarini toping.*
3. *Y=x2+x-12 funksiyaning grafigini koordinata o’qlari bilan kesishgan nuqtalarining koordinatalarini toping.*
4. *Ko’paytuvchilarga ajrating: x2-5x+4*
5. *Tenglamani yeching:*

*II variant*

1. *Y= funksiyaning grafigini yasang.*
2. *Y=- x2+2x+8 funksiyaning grafigini yasang. Grafikdan y=0, y<0, y>0 bo’ladigan oraliqlarni , funksiya kamayish va o’sish oraliqlarini toping.*
3. *Y=x2+7x+10 funksiyaning grafigini koordinata o’qlari bilan kesishgan nuqtalarining koordinatalarini toping.*
4. *Ko’paytuvchilarga ajrating: x2-8x+15*
5. *Tenglamani yeching:*

*UYGA VAZIFA. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Masalalar yechish.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat funksiya, uning grafigini chizishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

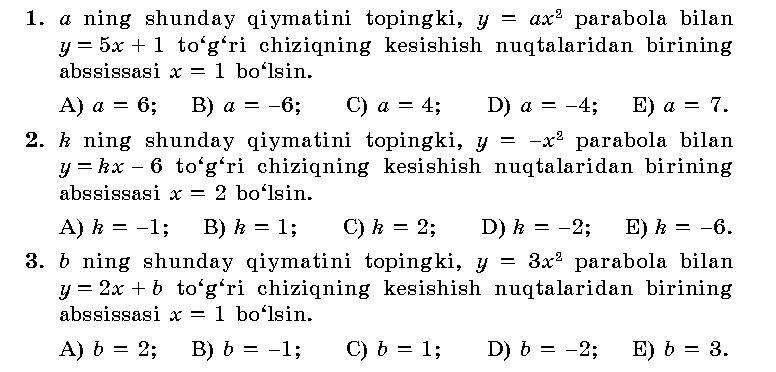
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



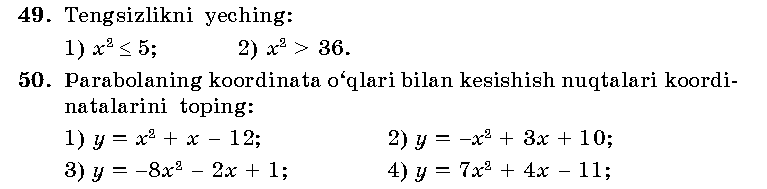
*Kalit:*

1. ***Yangi mavzuning bayoni***

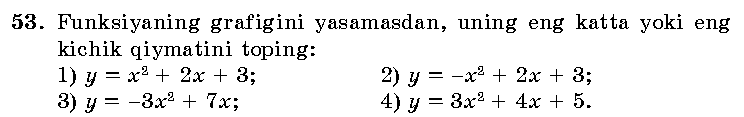
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



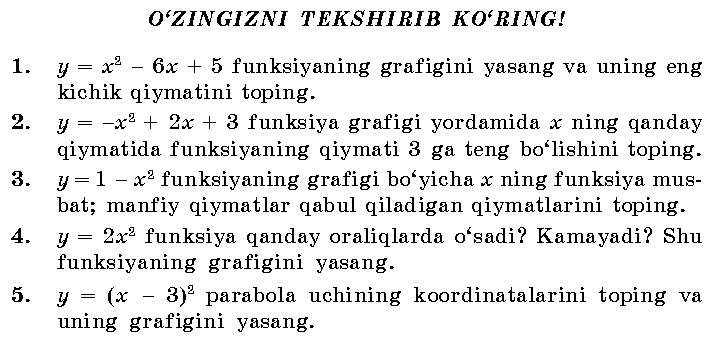
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



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***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 57-58 –misol***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Kvadrat tengsizlik va uning yechimi*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlik va uning yechimini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*Y=-x2- 2x+3 funksiyaning grafigini yasash*

*Parabola uchining koordinatalarini topamiz:*

*x0=- =- ;*

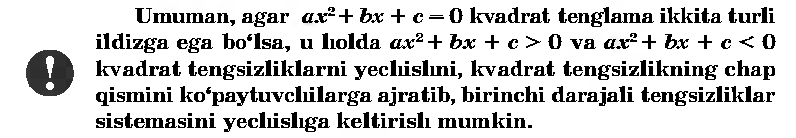
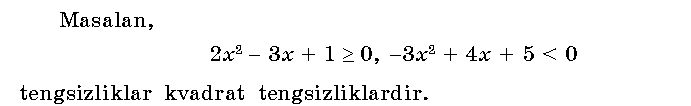
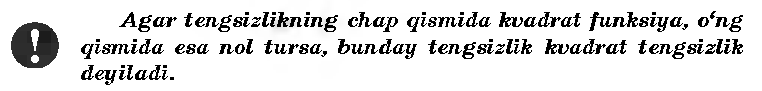


*Y0=-(-1)2- 2\*(-1)+3=-1+2+3=4*

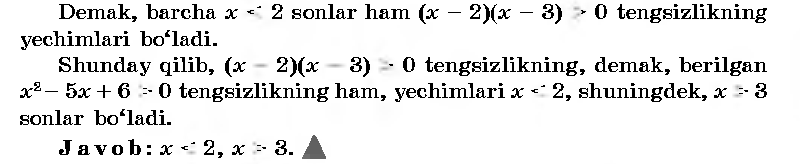
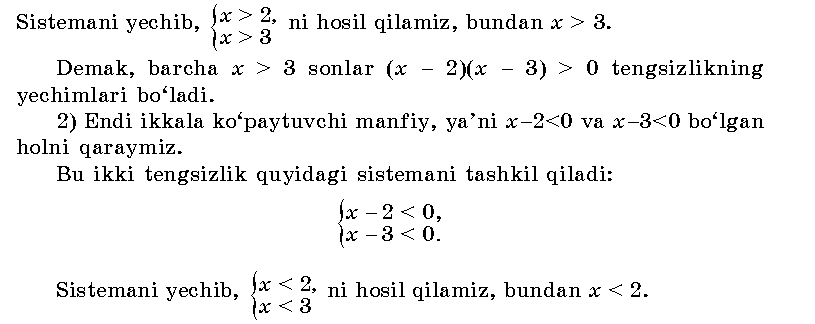
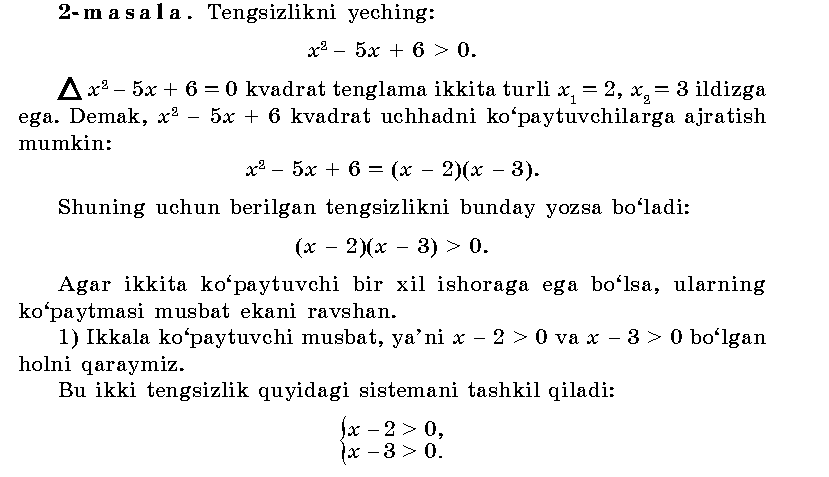
*Parabola uchi (-1;4) nuqtada bo’ladi.*

|  |  |
| --- | --- |
| *x* | *Y* |
| *0* | *3* |
| *1* | *0* |
| *2* | *-5* |
| *-3* | *0* |
| *-1* | *4* |

***III. Yangi mavzuning bayoni***



***IV.Mustahkamlash. 60-62 –misollar***



***V.Baholash***

***VI.Uyga vazifa. 63 –misol***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №64-67*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlik va uning yechimini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

1. ***I. Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***II. O’tilgan mavzuni so’rash***

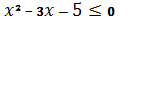
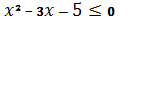
*Uyga vazifalarni tekshirish.*

*Quyidagi tengsizliklardan qaysi biri kvadrat tengsizlik ekanini ko’rsating:*

*1) 4)4x-5<0*



*2) 5)*



*3)3x+4>0 6)x4-16>0*

*Aqliy hujum:*

* *Qanday tengsizlik kvadrat tengsizlik deyiladi?*
* *Tengsizlikning yechimi deb nimaga aytiladi?*
* *Tengsizlikni yechish nima?*
* *Y=3 parabola qaysi choraklarda joylashgan?*



* *Y= - parabola uchining koordinatalarini toping.*



***III. Yangi mavzuning bayoni. 64-67-misollar***

*№64. Tengsizlikni yeching:*

*1) (x-2)(x+4)>0*

*x-2>0 x>2*

*x+4>0 x>-4 bundan: x>2*

*x-2<0 x<2*

*x+4<0 x<-4 bundan: x<-4*

*javob: x<-4 va x>2*

*2)(x-3)(x+5)<0*

*x-3<0 x<3*

*x+5>0 x>-5 bundan: -5<x<3*

*x-3>0 x>3*

*x+5<0 x<-5 bundan: x€ᴓ*

*javob: -5<x<3*

*3)(x-11)(x-3)<0*

*x-11<0 x<11*

*x-3>0 x>3 bundan: 3<x<11*

*x-11>0 x>11*

*x-3<0 x<3 bundan: x€ᴓ*

*66- misol. Quyidagi tengsizliklardan qaysilari kvadrat tengsizlik ekanini ko’rsating:*

*1)x2-4>0 3)x2-3x-5<0 5)3x+4 ≤ 0*

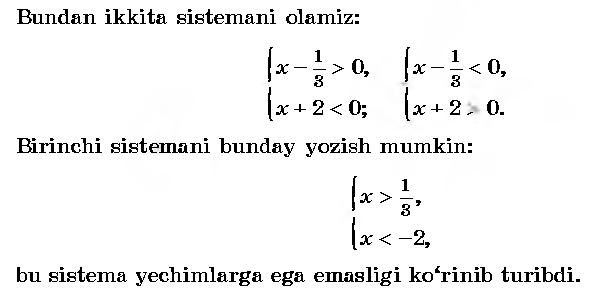
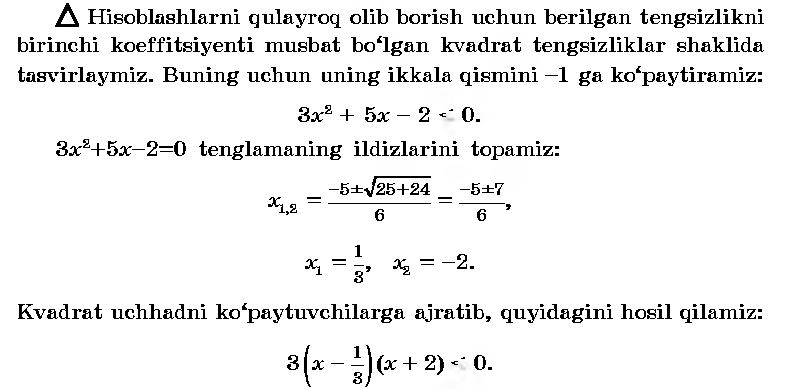
*2)4x-5>0 4)x2-1≥ 0 6)x4-16<0*

*67- misol. Quyidagi tengsizliklarni kvadrat tengsizlikka keltiring:*

*1)x2<3x+4 x2-3x-4<0*

*2)3x2<x2-5x+6 2x2+5x-6<0*

***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 68 –misol***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Kvadrat tengsizlikni kvadrat funksiyaning grafigi orqali yechish*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikni kvadrat funksiyaning grafigi orqali yechishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*



*Yechilishi:*

1. x - =0 x= - karrali ildiz Javob: x < ; x >



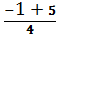
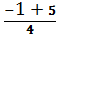
1. - x = 0 x= - karrali ildiz Javob: x=



1. 2 + x-3 < 0 2 + x-3 = 0 D= 1+4\*2\*3=25



x1= = 1; x2 = = -1,5

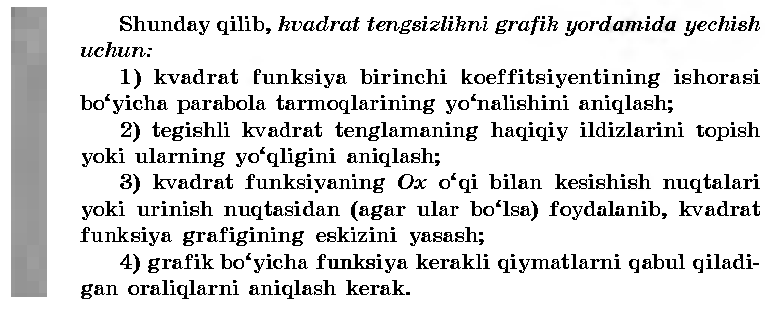
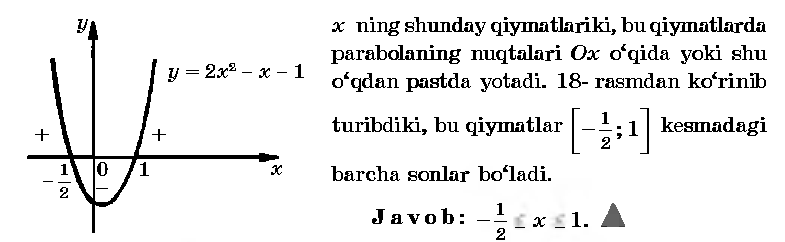
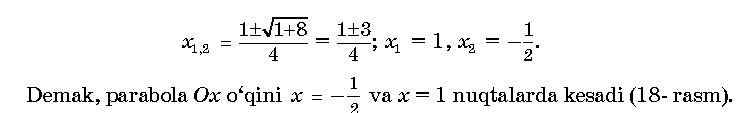
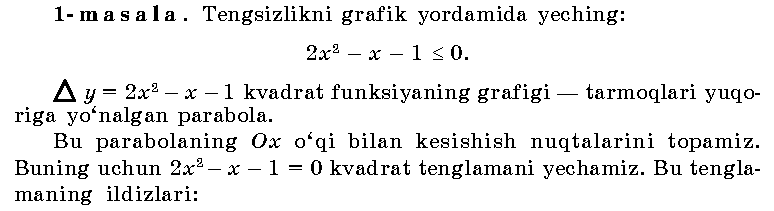


Javob: -1,5< x< 1

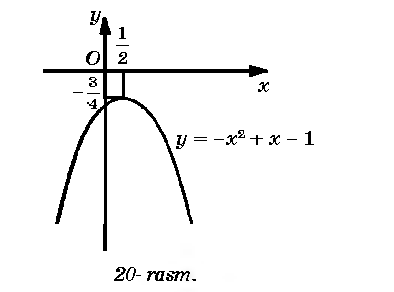
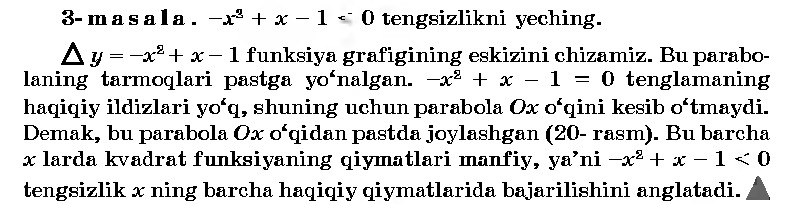
1. x2+2x-3>5 x2+2x-8>0 x1= - 4; x2= 2

Javob: x<-4; x < 2

1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash***



***V.Baholash***

***VI.Uyga vazifa. 74-75 –misollar***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №76-79*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikni kvadrat funksiyaning grafigi yordamida yechishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

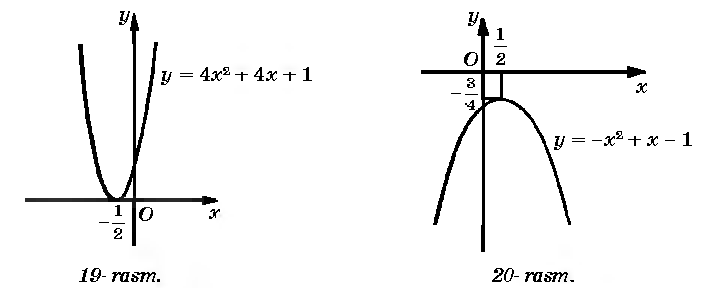
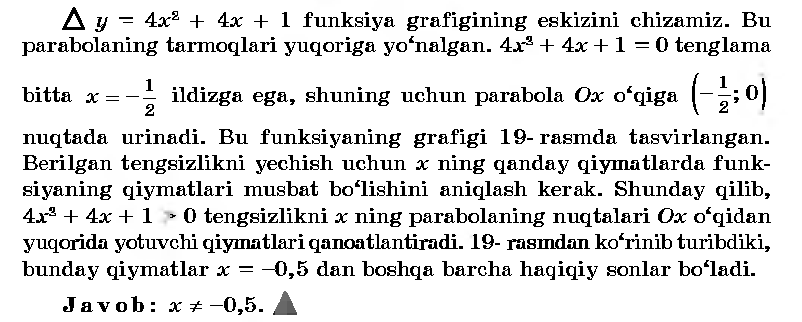
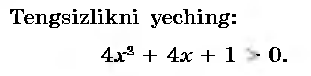
***Dars uslubi*** *: Savol- javob*

1. ***Tashkiliy qism.***

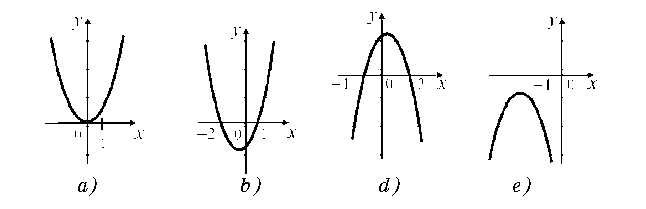
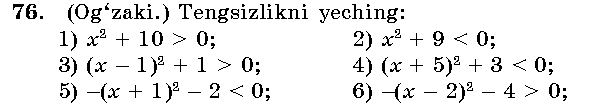
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*



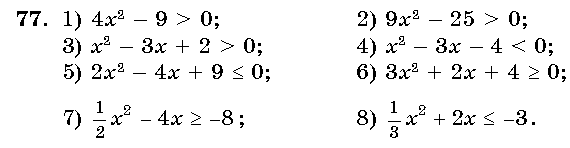
1. ***Yagi mavzuning bayoni. №76-79-misollar***



***Javoblari:*** *1) x ning istalgan qiymatida tengsizlik to’g’ri;*

*2) x€ᴓ ; 3) x ning istalgan qiymati; 4) x€ᴓ;*

*5) x ning istalgan qiymati; 6) x€ᴓ; 7) x€ᴓ; 8) x ning istalgan qiymati;*



*Yechilishi: 1)y= 4x2-9 parabolaning tarmoqlari yuqoriga yo’nalgan,*

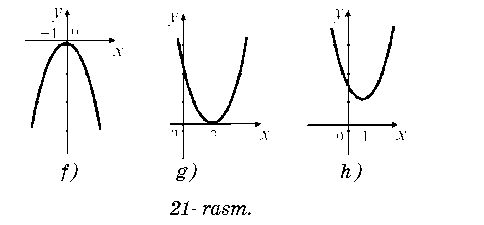
*4x2-9=0; x1=1,5 va x2=-1,5*

*grafikdan foydalanib, x ning funksiya musbat*

*qiymatlar oladigan oraliqlarni aniqlaymiz.*

*Javob: x<-1,5 va x>1,5*

***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 80- 81 –misollar***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Intervallar usuli*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikni intervallar usuli orqali yechishni o’rgatish bilan bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

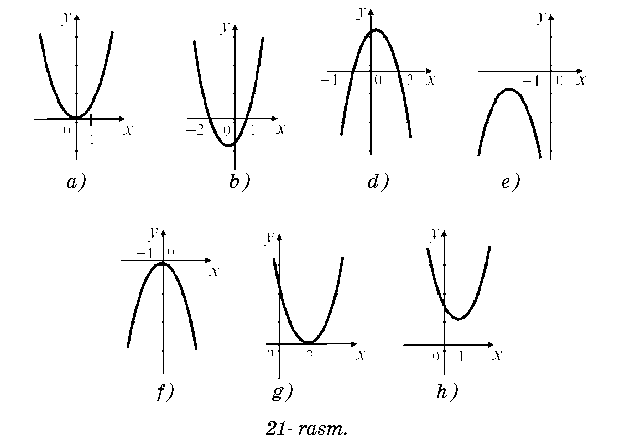
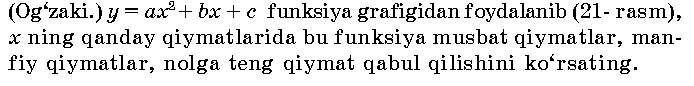
***Dars uslubi*** *: Savol- javob*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

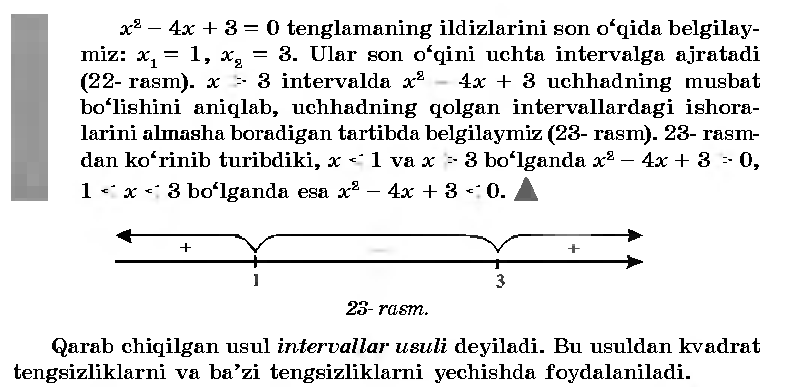
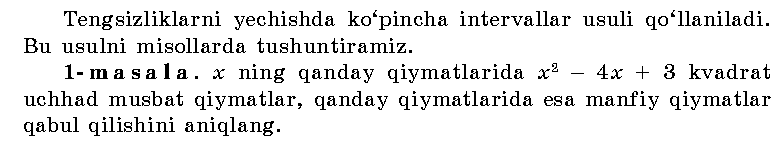
*Uyga vazifalarni tekshirish.*



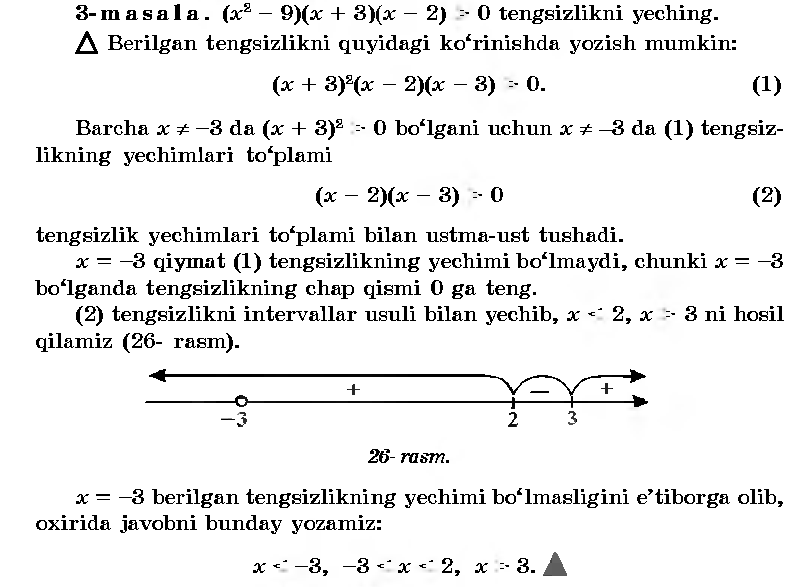
*Javoblari: a)Funksiya x>0 da musbat, x<0 da manfiy va x=0 da nolga teng bo’ladi.*

*b)x<-2 va x>1da musbat, -2<x<1 da manfiy qiymatlar qabul qiladi.*

1. ***Yangi mavzuning bayoni.***

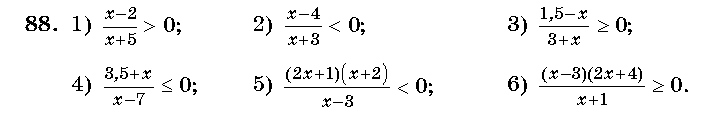


***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 88- 89 –misollar***



***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №90-93.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikni intervallar usuli bilan yechishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

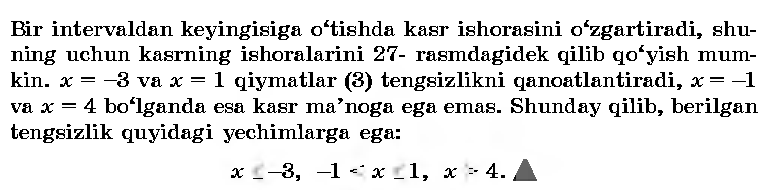
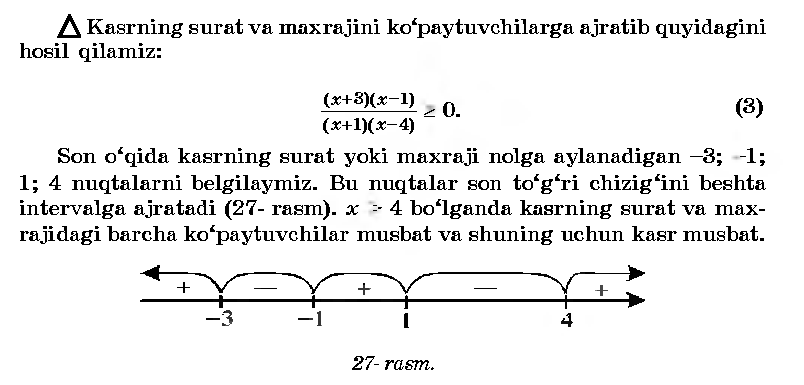
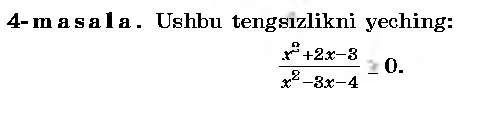
*Darsning borishi*

1. ***Tashkiliy qism.***

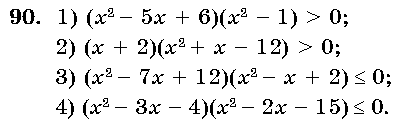
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*



1. ***Yangi mavzuning bayoni.***



***Javoblari: 1) x2-5x+6=0; x1=2; x2=3;***

***x2-1=0; x3=1.***

***Javob: 1<x<2 va x>3***

***2) x+2=0 x1=-2;***

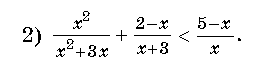
***x2+x-12=0 x2=-4; x3=3.***

***Javob: -4<x<-2 va x>3***

***3) x2-7x+12=0 x1=3; x2=4***

***x2-x+2=0 x€R***

***javob: 3≤ x ≤ 4***



***x2+3(x-2)>3x x2+x(2-x)<(5-x)(x+3)***

***x2+3x-6-3x>0 x2+2x- x2< 15+2x- x2***

***x2-6>0 J: x<; x>. x2-15<0 J: -< x < .***



***IV.Mustahkamlash.***



***(x2-7x-8)( x2-64)<0 > 0***



***x2-7x-8=0 x1=8; x2= -1. (x+5)(x-2)>0***

***x2-64≠0 x≠ ±8 x1= -5; x2≠2***

***demak, x= -1 va x≠ -8***

***javob: -8< x < -1 javob: x<-5 va x>2***

***V. Baholash .***

***VI.Uyga vazifa. 94-95 –misollar.***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Kvadrat tengsizlikka olib keladigan sodda masalalar.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikka olib keladigan sodda masalalar yechishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

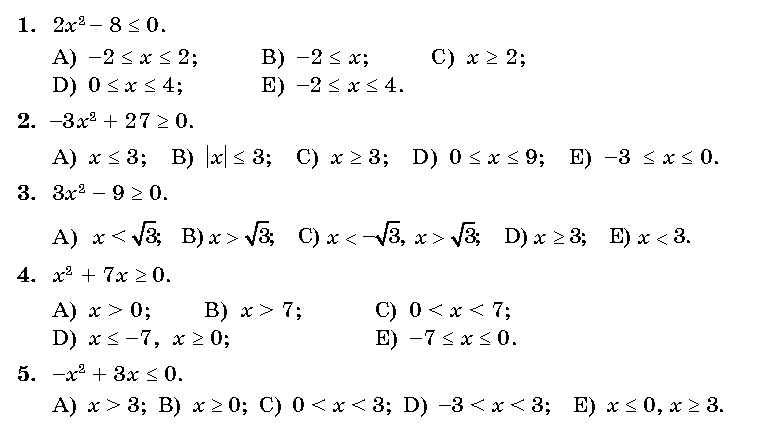
*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

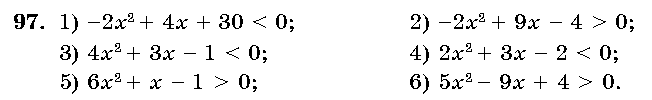
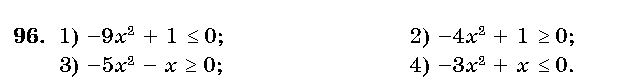
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*



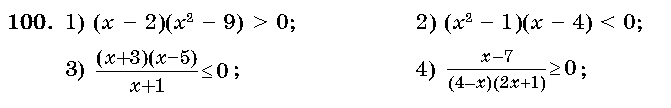
*Kaliti: 1-A, 2-B, 3-C, 4-D, 5-E.*

1. ***Yangi mavzuning bayoni.***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***IV.Mustahkamlash.***



***Yechilishi:***

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***V. Baholash .***

***VI.Uyga vazifa. 101- 102 –misollar.***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №103- 106*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikka olib keladigan sodda masalalar yechishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

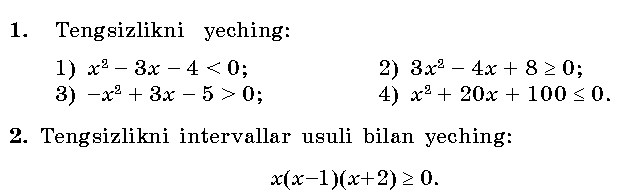
***Dars uslubi*** *: Savol- javob*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*



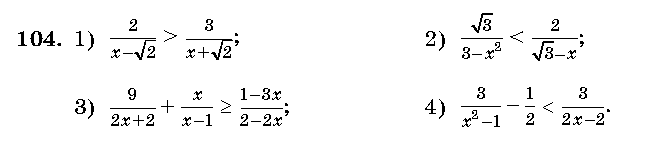
*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. ***Yangi mavzuning bayoni.***

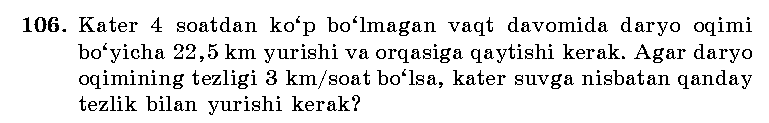


***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***



***Yechilishi:***

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***V. Baholash .***

***VI.Uyga vazifa. 108 –misol .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish. 1-9-testlar.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat tengsizlikka olib keladigan sodda masalalar yechishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

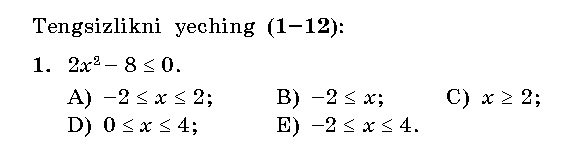
*Uyga vazifalarni tekshirish.*



*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

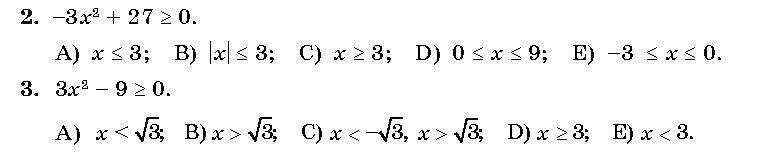
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1. ***Yangi mavzuning bayoni.***



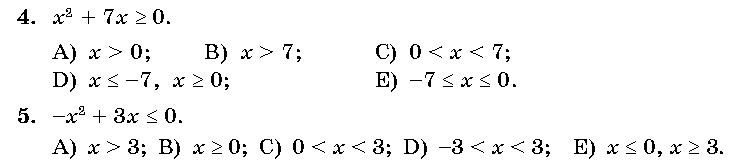
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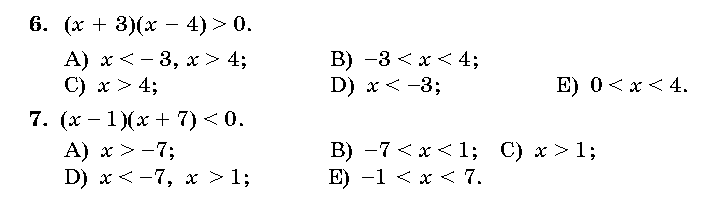


*­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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***IV.Mustahkamlash***

***V. Baholash .***

***VI.Uyga vazifa. 10- 12-testlar.***

***Sana: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*



***Maqsad: a) ta’limiy:***  *O’quvchilarning kvadrat tengsizlik va uning yechimini topishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1.Tengsizlikni algebraik usulda yeching:*

*(6-2a)(5a-10)<0*

*2.Tengsizlikni kvadrat funksiyaning grafigi yordamida yeching:*

*-2+3x-x2>0*

*3.Kvadrat tengsizlikni intervallar usulida yeching:*

*3x2-5x+2≤ 0*

*4.Tengsizlikni yeching:*



*5.y=x2+3x-5 funksiyaning qiymatlar to’plamini toping.*

*II variant*

*1.Tengsizlikni algebraik usulda yeching:*

*(2-a)(2a-5)<0*

*2.Tengsizlikni kvadrat funksiyaning grafigi yordamida yeching:*

*4+3x-x2>0*

*3.Kvadrat tengsizlikni intervallar usulida yeching:*

*3x2-5x+2≥ 0*

*4.Tengsizlikni yeching:*



*5.y=-x2+5x-2 funksiyaning qiymatlar to’plamini toping.*

***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Butun ko’rsatkichli daraja va uning xossalari*

***Maqsad: a) ta’limiy:***  *O’quvchilarga butun ko’rsatkichli daraja va uning xossalari ni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

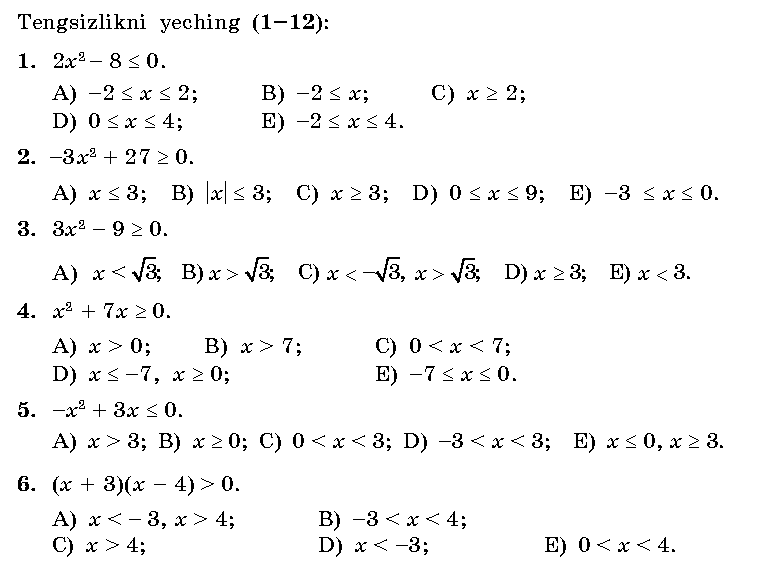
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

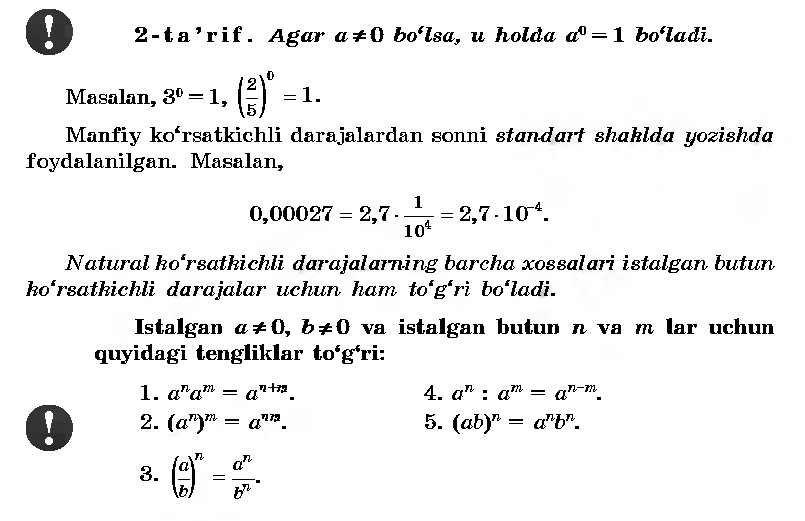
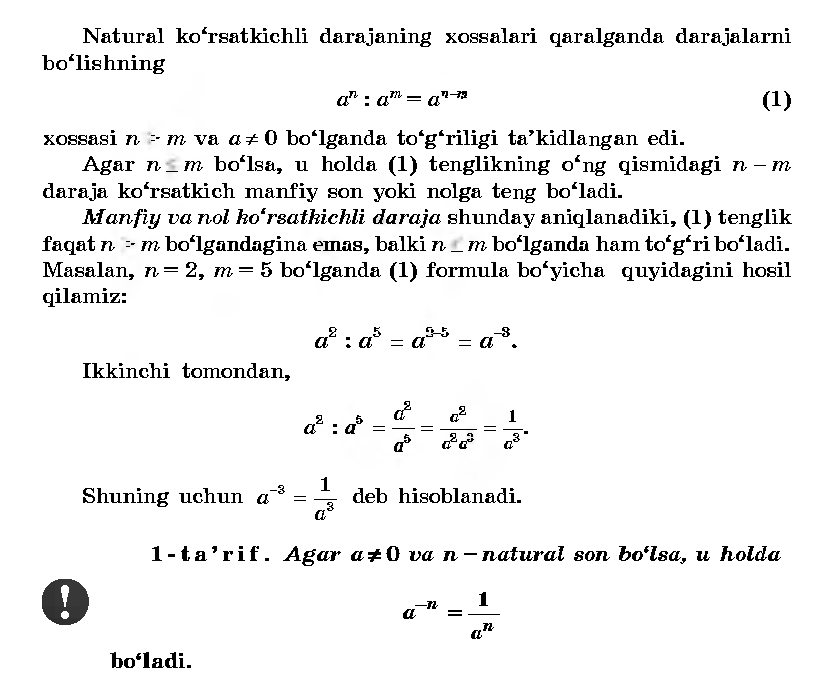
*Uyga vazifalarni tekshirish.*

*Mustaqil ish: Tengsizliklarni yeching:*

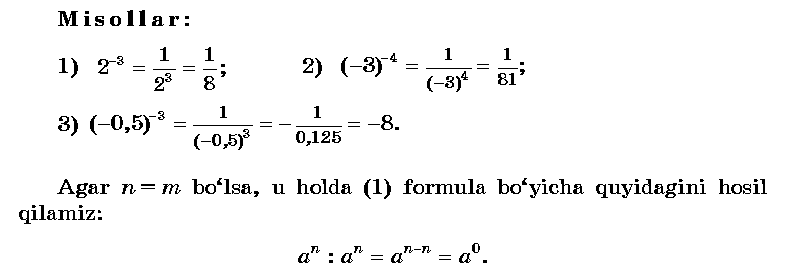
*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.109-114 –misollar***



***V.Baholash***

***VI.Uyga vazifa. 115-116 –misollar***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Natural ko’rsatkichli darajaning arifmetik ildizi*

***Maqsad: a) ta’limiy:***  *O’quvchilarga natural ko’rsatkichli darajaning arifmetik ildizi va uning xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

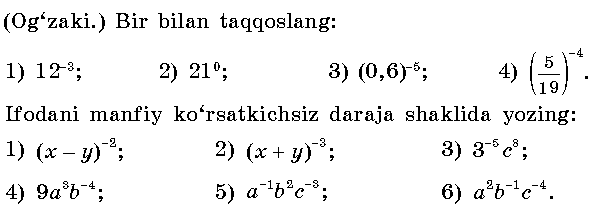
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

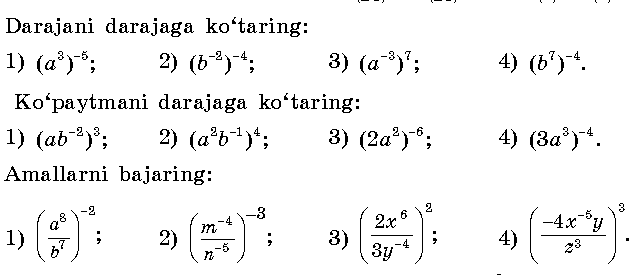
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

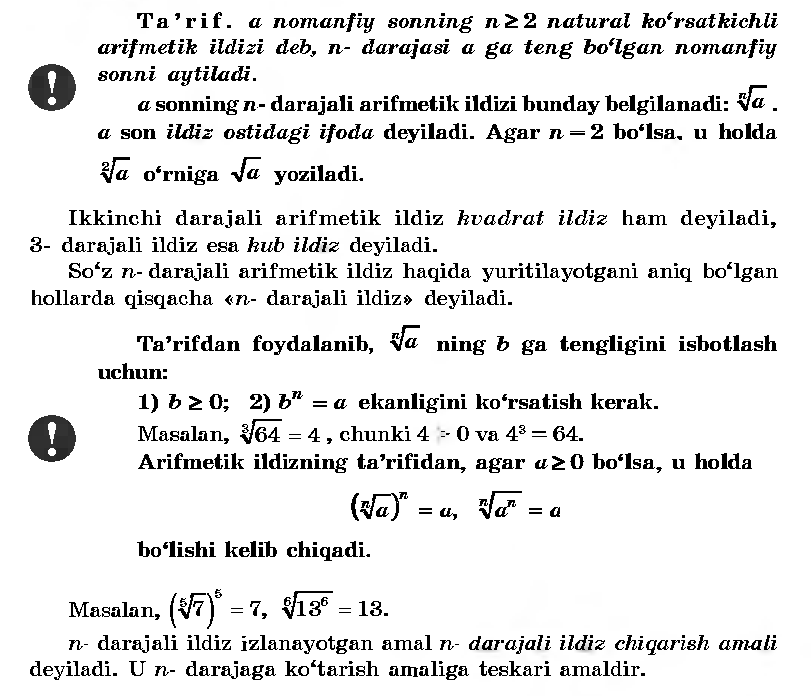
*MUSTAQIL ISH:*



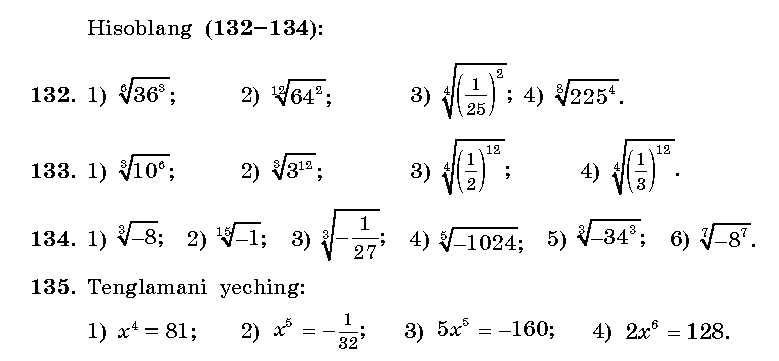
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash***

***VI. Uyga vazifa. 138- 139- misollar***

**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** Arifmetik ildizning xossalari

**Maqsad: a) ta’limiy:**  O’quvchilarga arifmetik kvadrat ildiz va uning xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida tarbiyalash;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.

**Dars turi**: Yangi bilim berish

**Dars uslubi** : Savol- javob

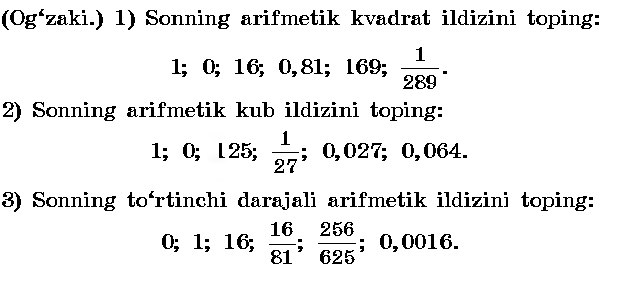
Darsning borishi

1. **Tashkiliy qism.**

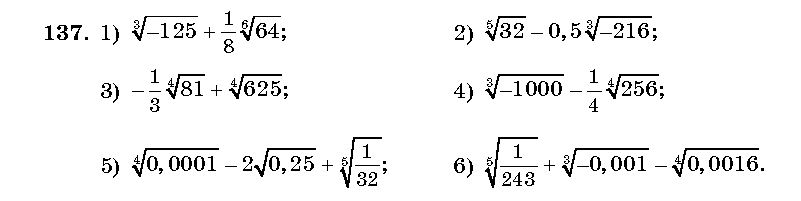
Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

1. **O’tilgan mavzuni so’rash**

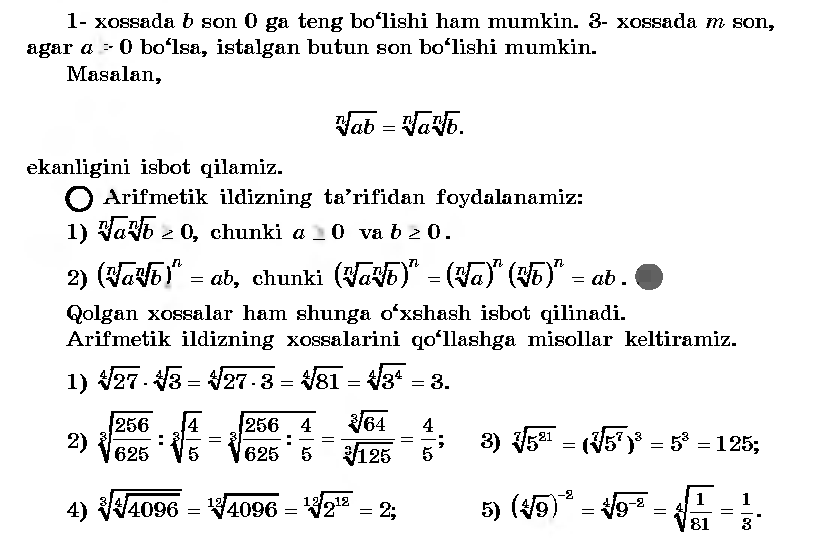
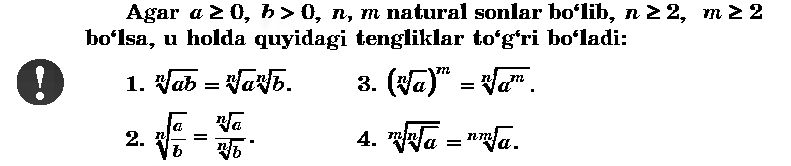
Uyga vazifalarni tekshirish.



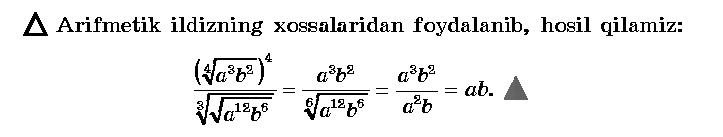
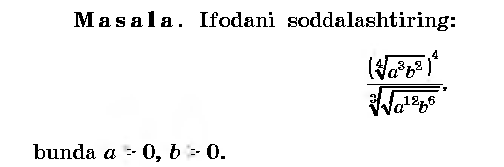
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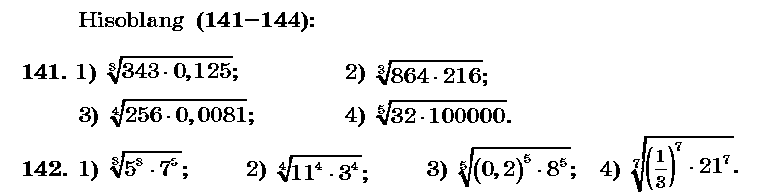
1. **Yangi mavzuning bayoni**



**IV.Mustahkamlash. 141-145 –misollar**

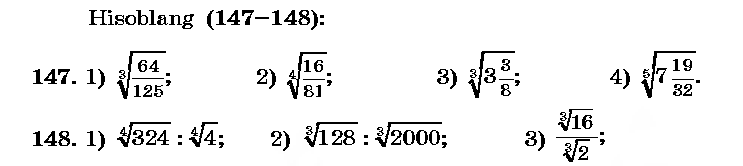


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**V.Baholash**

**VI.Uyga vazifa. 147- 149 –misollar**



**Sana:**

**Sinf:** 9-sinf

**Fan**: Algebra

**Mavzu:** Misollar yechish №150-156.

**Maqsad: a) ta’limiy:**  O’quvchilarga arifmetik kvadrat ildiz va uning xossalarini

o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;

**b) tarbiyaviy:** Oquvchilarni shu mavzu asosida o’zaro hurmat ruhida

tarbiyalash;

**c) rivojlantiruvchi:** o’quvchilar bilimini rivojlantirish, ko’nikma va

malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini

riviojlantirish.

**Dars turi**: Aralash dars

**Dars uslubi** : Savol- javob

Darsning borishi

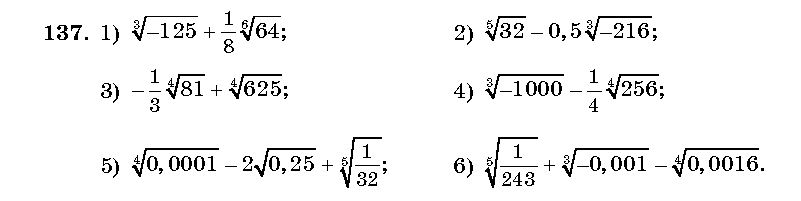
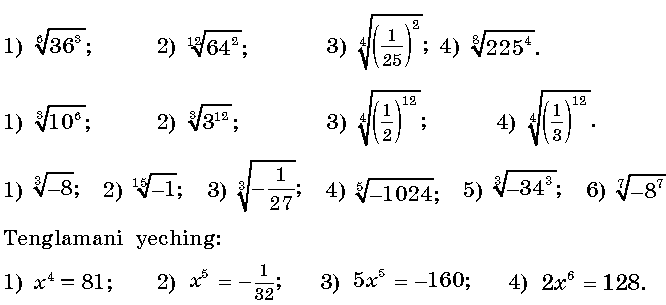
1. **Tashkiliy qism.**

Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.

1. **O’tilgan mavzuni so’rash**

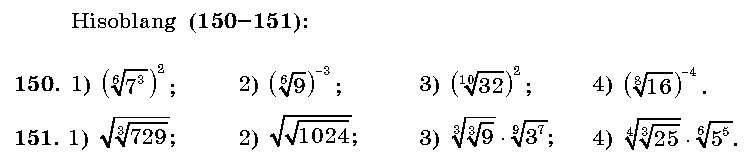
Uyga vazifalarni tekshirish.

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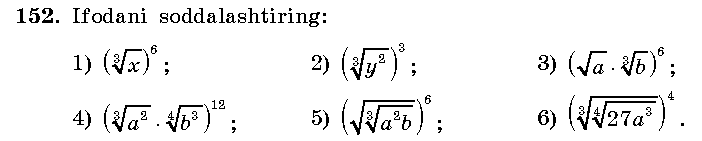


1. **Yangi mavzuning bayoni. 150- 156-misollar**

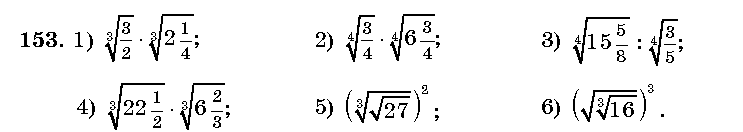
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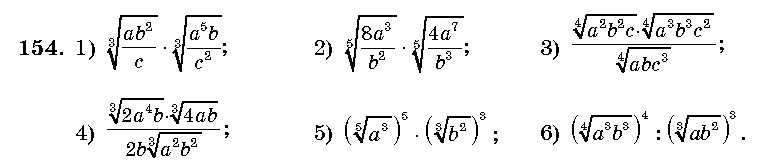


**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV.Mustahkamlash.**

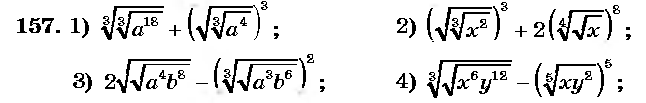




**V.Baholash**

**VI.Uyga vazifa. 157- 158 –misollar**

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***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Ratsional ko’rsatkichli daraja*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ratsional ko’rsatkichli daraja va uning xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini rivojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

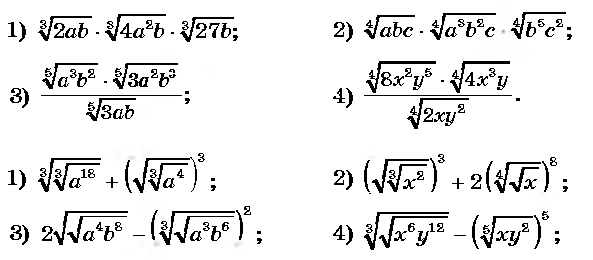
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

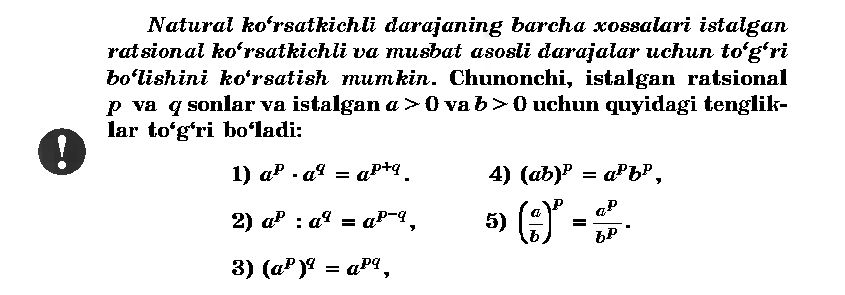
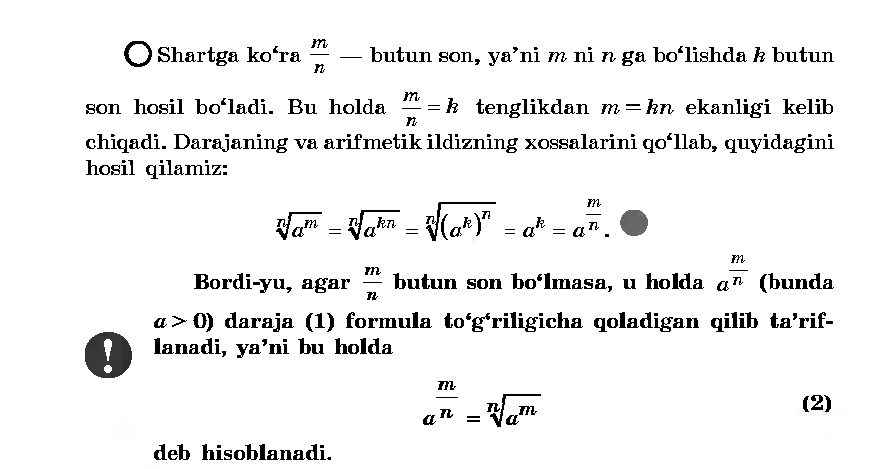
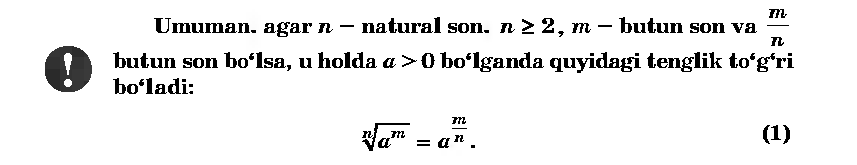
*Uyga vazifalarni tekshirish.*

*Mustaqil ish: Soddalashtiring:*

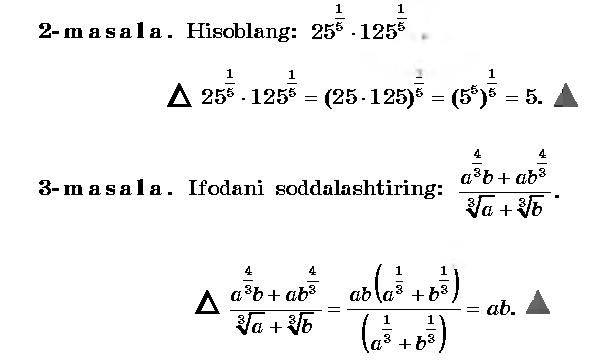
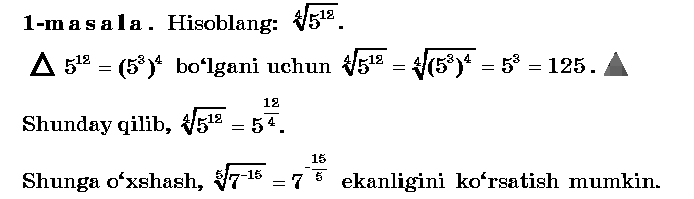
*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.160-165 –misollar***



***V.Baholash***

***VI.Uyga vazifa. 166-167 –misollar***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish. №170- 173*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ratsional ko’rsatkichli daraja va uning xossalarini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

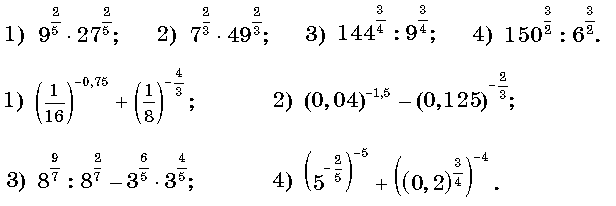
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

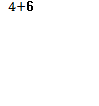
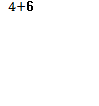
*Uyga vazifalarni tekshirish.*

*Mustaqil ish: Tengsizliklarni yeching:*

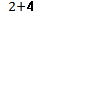
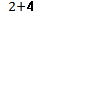


*Yechimlari:*

*1)\* ==*9 ;



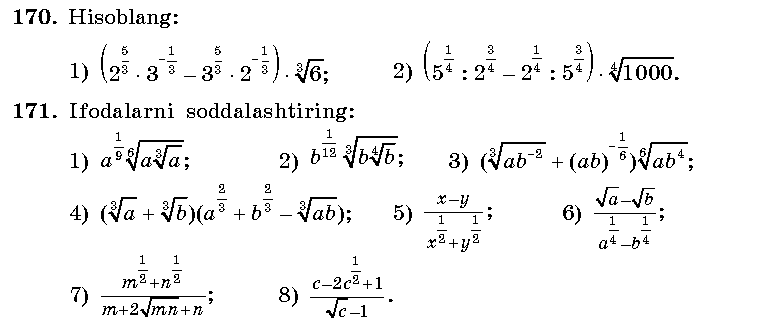
2) = = 72=49



3) = = 23= 8

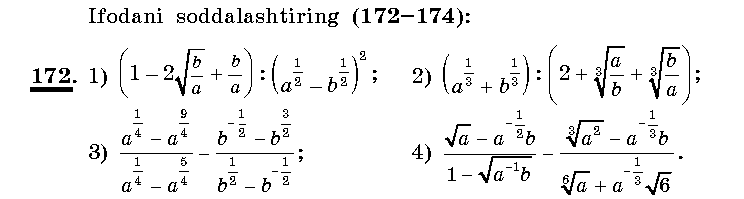


1. ***Yangi mavzuning bayoni***



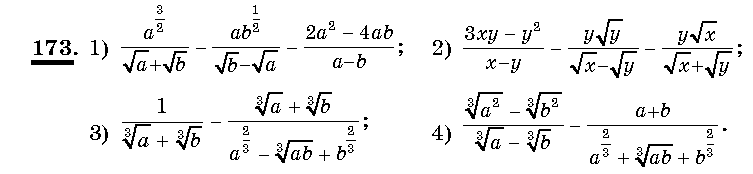
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

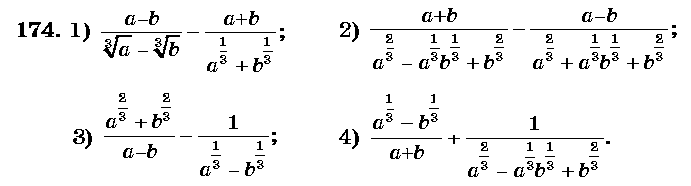


***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_V.Baholash***



***VI.Uyga vazifa. 174–misol***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Irratsional daraja haqida tushuncha*

***Maqsad: a) ta’limiy:***  *O’quvchilarga irratsional ko’rsatkichli daraja va uning xossalarini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

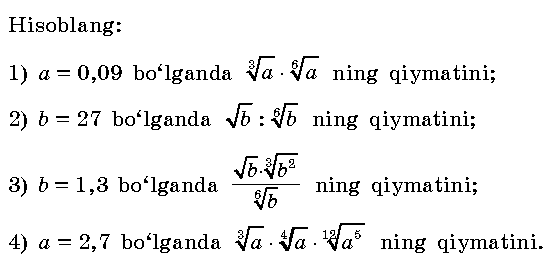
*Darsning borishi*

1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish. Mustaqil ish:*



*Yechimlari:*

1. \*= = 0,3



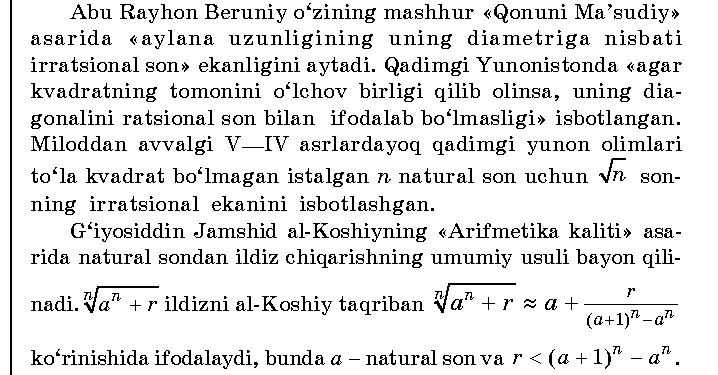
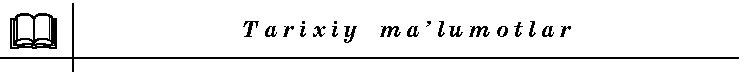
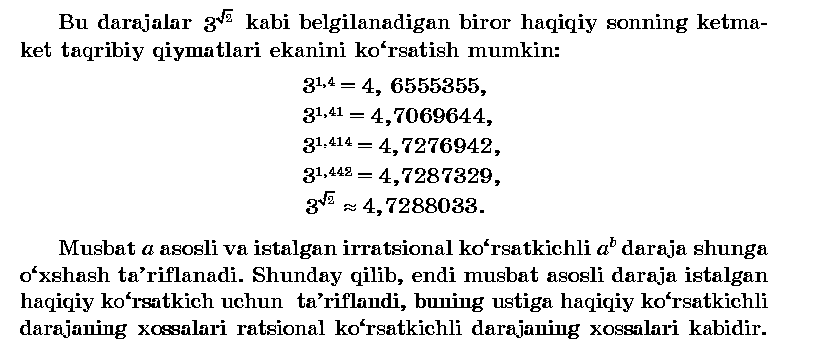
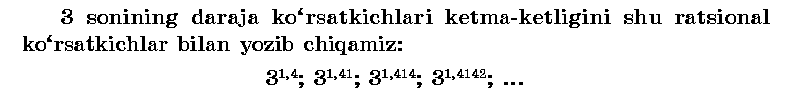
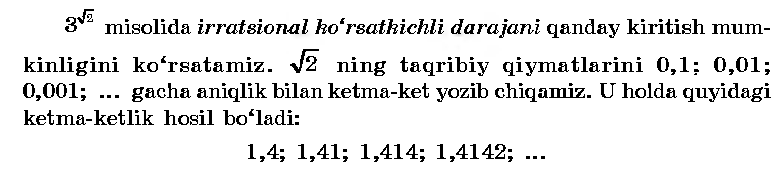
2)



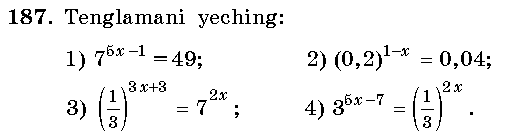
3)



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash***

***VI.Uyga vazifa. 190 –misol***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Sonli tengsizliklarni darajaga ko’tarish*

***Maqsad: a) ta’limiy:***  *O’quvchilarga sonli tengsizliklarni darajaga ko’tarishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

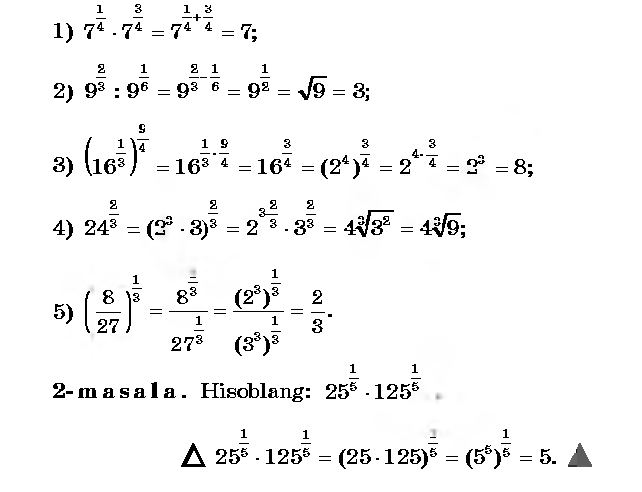
*Darsning borishi*

1. ***Tashkiliy qism.***

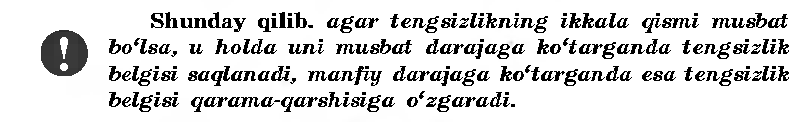
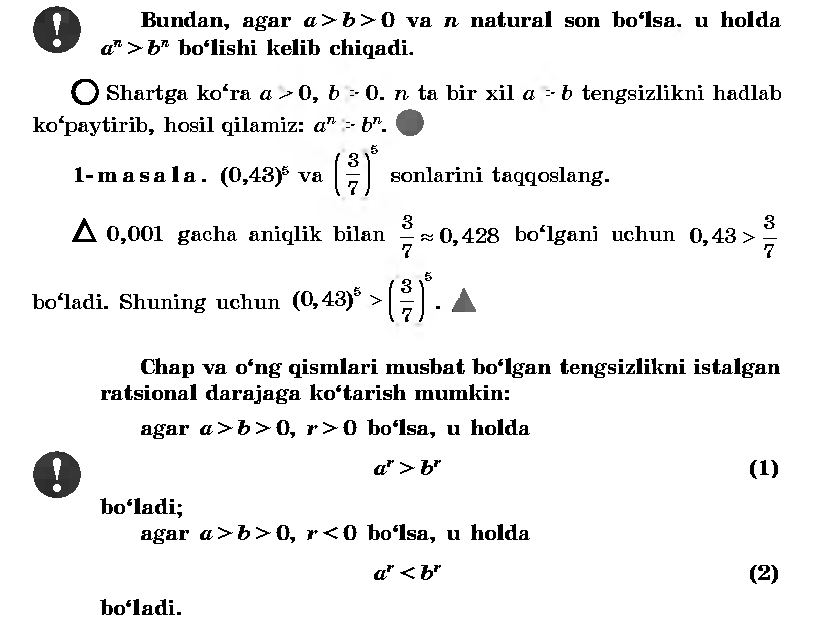
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

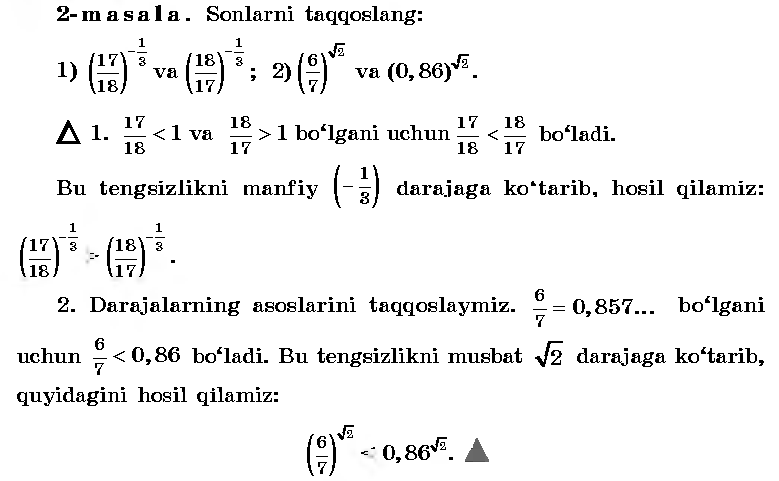
*Uyga vazifalarni tekshirish. Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 181-182 –misollar***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №183- 187.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga sonli tengsizliklarni darajaga ko’tarishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *darslik, tarqatmalar, rangli kartochkalar.*

*Darsning borishi*

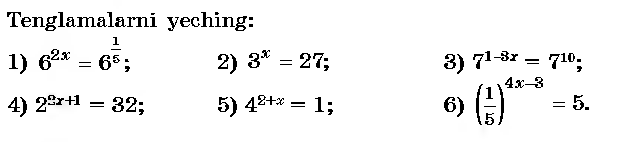
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

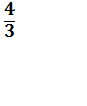
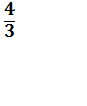
*Mustaqil ish:*



***Yechilishi: 1) 2x=; x=. 2)x=3;***

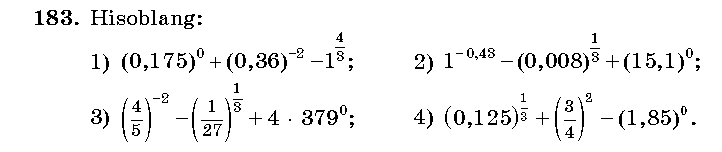


***3)1-8x=10 ; 8x=-9; x=-. 4)3x+1=5 3x=4 x=;***



***5)2+x=0 x=- 2; 6)4x-3= -1 4x=2 x=0,5.***

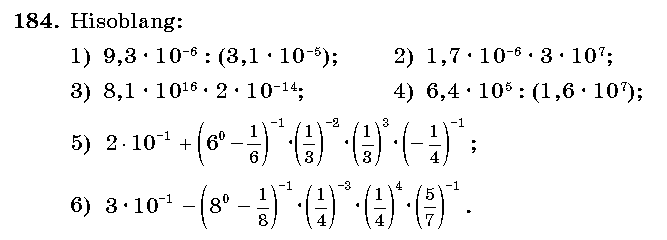
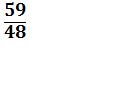
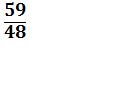
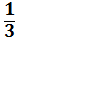
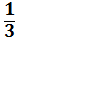
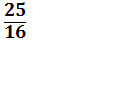
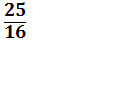
1. ***Yangi mavzuning bayoni***



***Yechilishi: 1)1+ -1= = 7 ; 2)1-0,2+1= - 0,2;***



***3)* - +4=+4= 4; 4)0,5+ - 1= = .**

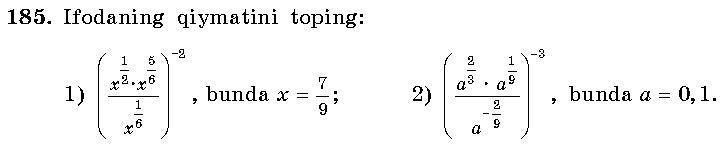


**Yechilishi: 1)**9,3: 3,1=3; **2)** 1,7\*3\*10= 51;

1. 8,1\*102\*2= 1620; **4)**6,4:(1,6\*100)= 4:100= 0,04;

**5)**0,2+ 1,2\*9\* \*(-4)= 0,2- 1,6= - 1,4;

**6)**0,3 - \* 64\*\* = 0,3- 0,4= -0,1.



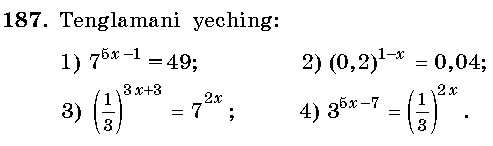
**Yechish:** 1) ( ) -2=



1. ( ) -3= 103=1000.



***IV.Mustahkamlash.***



***Yechilishi: 1)****5x-1=2 5x=3 x=0,6.*

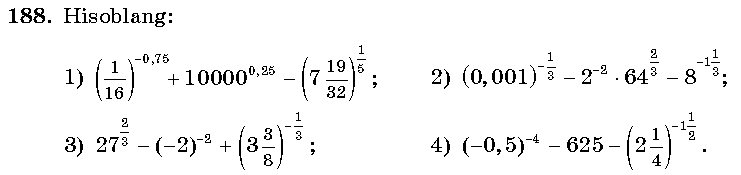
***2)****1-x=2 -x=1 x= -1;*

***3)****3x+3= -2x 3x+2x=-3 5x= -3 x= -0,6;*

***4)****5x-7= -2x 5x+2x=7 7x=7 x=1.*

***V.Baholash***

***VI.Uyga vazifa. 188-189 –misollar.***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*



***Maqsad: a) ta’limiy:***  *O’quvchilarning butun ko’rsatkichli, ratsional ko’rsatkichli darajalar va ularning xossalari, arifmetik kvadrat ildiz, sonly tengsizlikni darajaga ko’tarishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

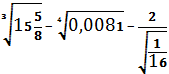
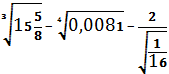
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1.Hisoblang:*



*2. Hisoblang:*



*3.Ifodaning qiymatini toping: ; bunda a=2, b=1, a≠0.*



*4.Tengsizlikni yeching: >0*



*5.Tenglamani yeching: .*

*II variant*

*1.Hisoblang:*



*2. Hisoblang:*



*3.Ifodaning qiymatini toping: ; bunda x=1, y=2, y>0.*



*4.Tengsizlikni yeching: <0*

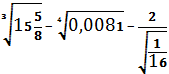
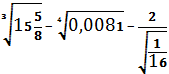


*5.Tenglamani yeching: .*

*Yechimlari:*

*I variant*

***1****.Hisoblang: =*



***2****. Hisoblang: = 3*



***3****.Ifodaning qiymatini toping: ; bunda a=2, b=1, a≠0.*



***4****.Tengsizlikni yeching: >0*



*(9-x)(9+x)>0*

*9-x=0, 9+x=0*

*x1=9; x2=-9*

*javob: -9<x<9.*

***5****.Tenglamani yeching: .*

*An.soha: x-1≠0, x+1≠0 bundan x≠1 va x≠ -1.*

*2(x+1)+ 3(x-1)=(x-1)(x+1)*

*2x+2+3x-3=x2-1*

*x2-5x=0 x(x-5)=0 x1=0, x2=5. Javob: 0 va 5.*

*II variant*

***1****.Hisoblang: =*



***2****. Hisoblang: =*



***3****.Ifodaning qiymatini toping: ; bunda x=1, y=2, y>0.*



***4****. Tengsizlikni yeching: <0*



*(4-x)(4+x)<0*

*4-x=0; 4+x=0*

*x1=4; x2=-4*

*javob: x<-4, x>4.*

***5****.Tenglamani yeching: .*

*An.soha: x-1≠0, x+1≠0 bundan x≠1 va x≠ -1.*

*2(x+1)+ 3(x-1)=(x-1)(x+1)*

*2x+2+3x-3=x2-1*

*x2-5x=0 x(x-5)=0 x1=0, x2=5. Javob: 0 va 5.*

***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Funksiyaning aniqlanish sohasi*

***Maqsad: a) ta’limiy:***  *O’quvchilarga funksiyaning aniqlanish sohasini topishni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

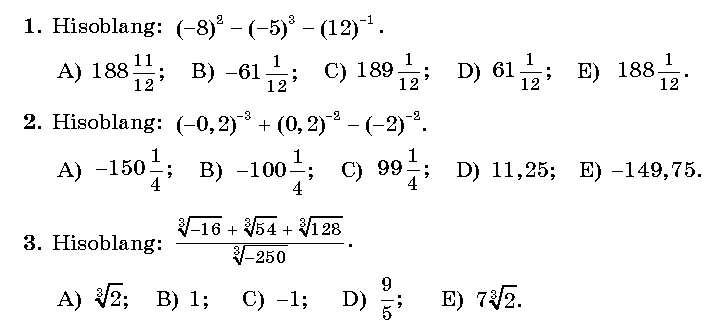
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



Javoblari: 1)64+125- = 189- = 188; A)

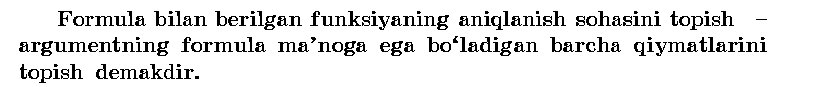
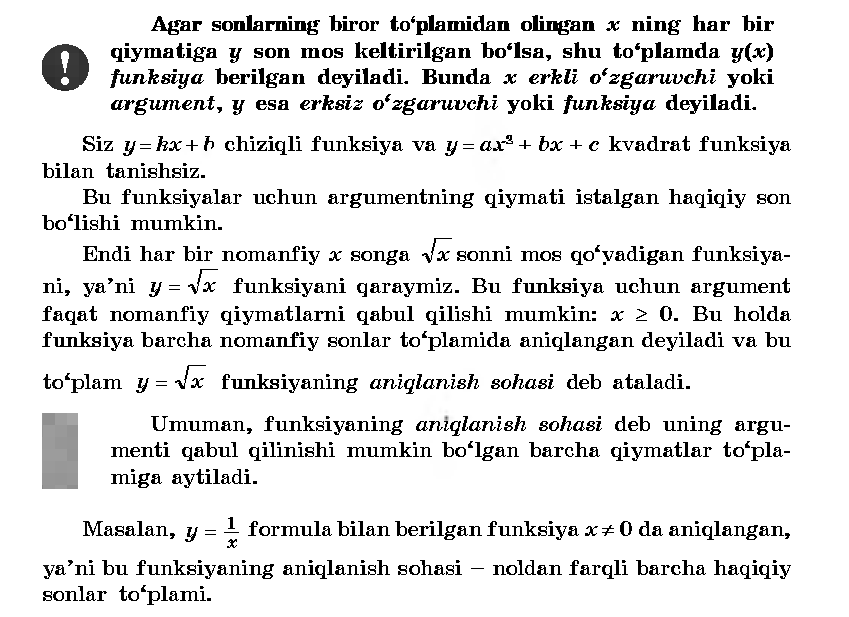


2)(- 5)3+ 52 – (- )2 = -125+25 – 0,25= -100,25; B)

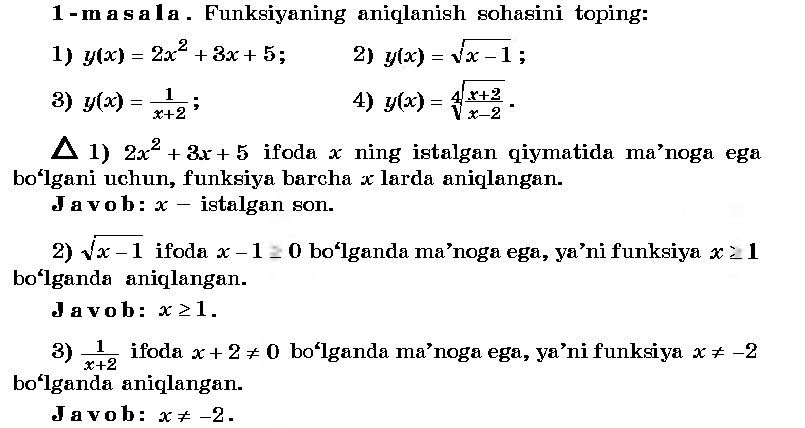
3) = = -1; C)



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash***

***VI.Uyga vazifa. 197-198 –misollar.***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Funksiyaning o’sishi va kamayishi*

***Maqsad: a) ta’limiy:***  *O’quvchilarga funksiyaning o’sishi va kamayish oraliqlarini topishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

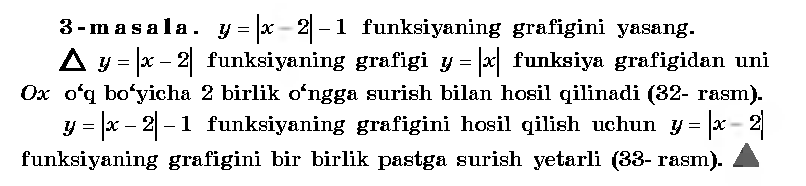
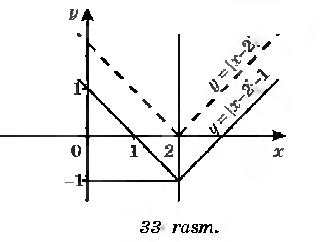
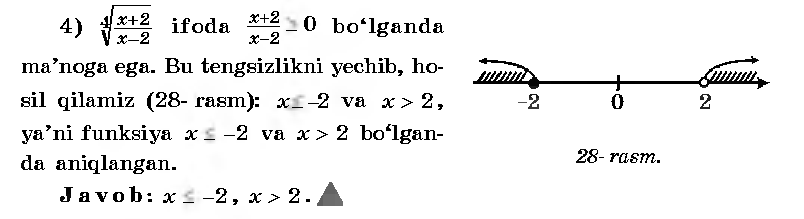
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

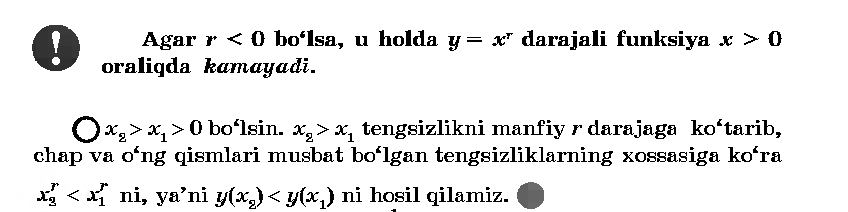
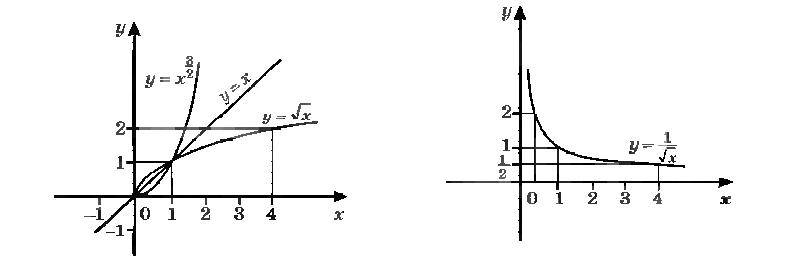
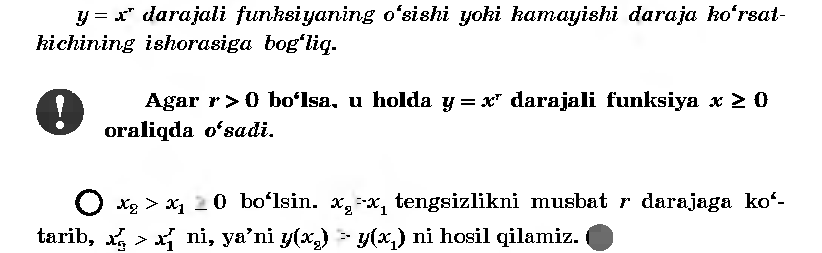
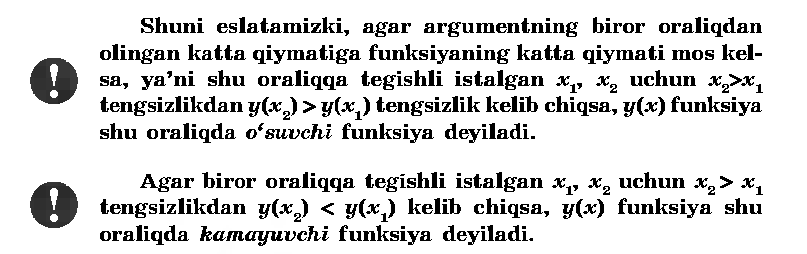
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

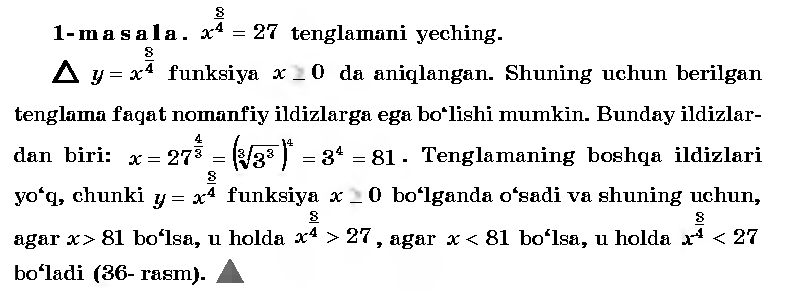
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash. VI.Uyga vazifa. 205-206 –misollar.***

***Sana:*** \_\_.

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Funksiyaning juftligi va toqligi.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga funksiyaning juftligi va toqligini topishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

1. ***Tashkiliy qism.***

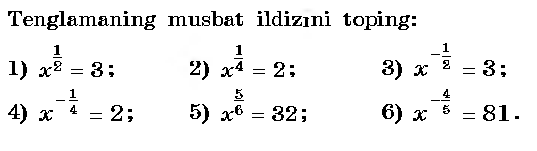
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*Yechilishi:*



1)x=32 → x=9; 4) x=2-4 → x=



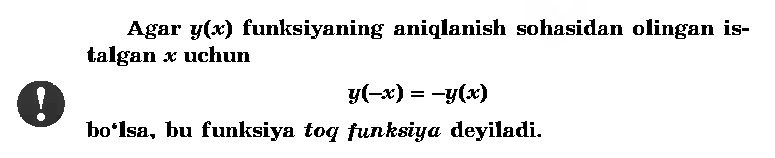
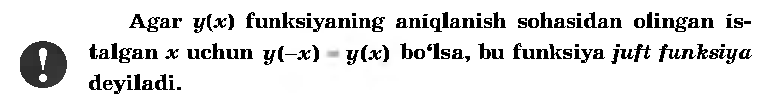
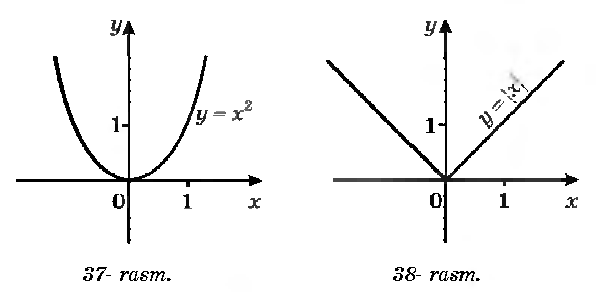
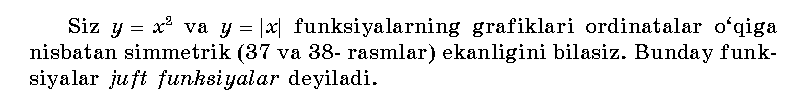
2) x=24 → x=16; 5) x= → x=26= 64;



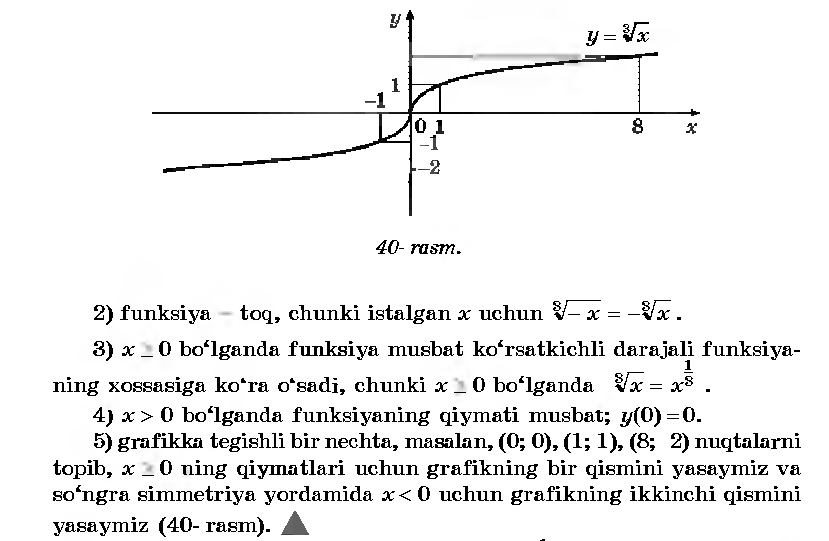
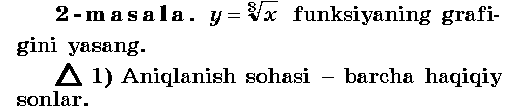
3) x=3-2 → x= ; 6) x= → x= 3-5= .



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash. VI.Uyga vazifa. 217-219 –misollar.***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *funksiya.*



***Maqsad: a) ta’limiy:***  *O’quvchilarga funksiya va uning xossalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*



***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

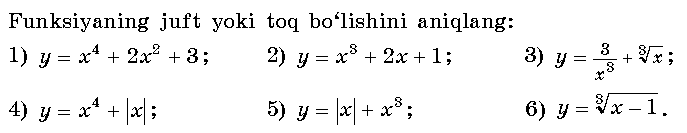
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



*Javoblari: 1)y(-x)=(-x)4+2\*(-x)2+3=x4+2x2+3 - juft f-ya;*

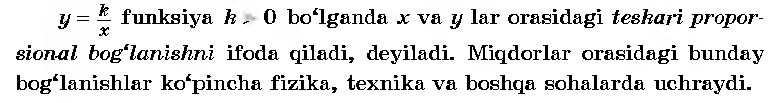
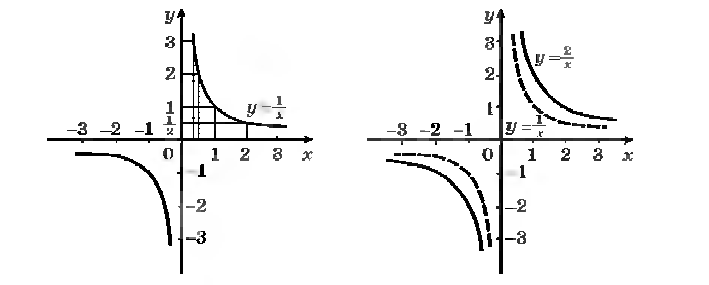
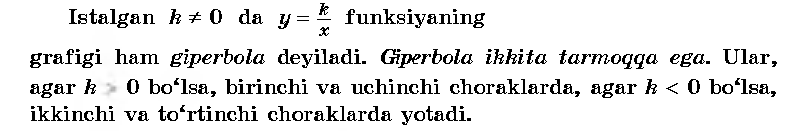
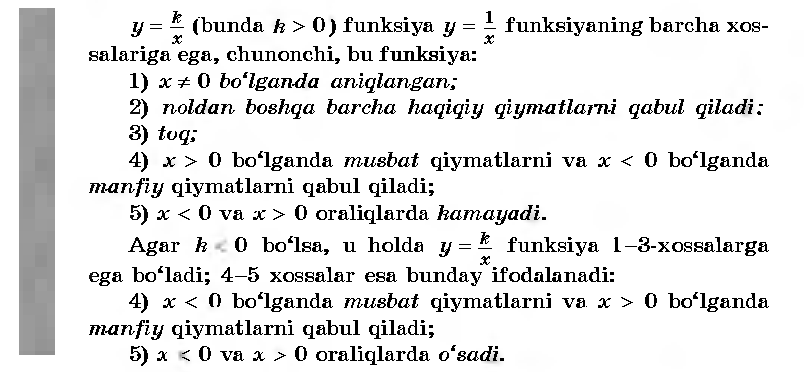
*2)y(-x)=(-x)3+2\*(-x)+1=-x3-2x+1=-( x3+2x-1) – na juft, na toq f-ya;*

*3)y(-x)==-()- toq f-ya;*

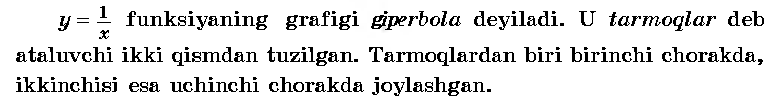
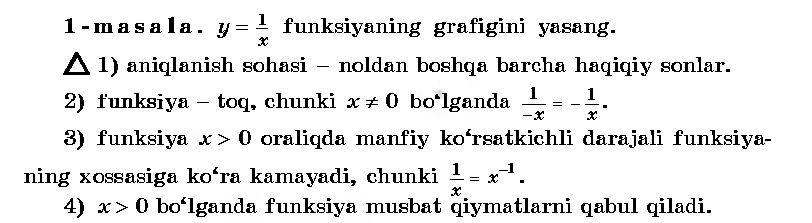
*4)y(-x)=(-x)4+abs(-x)=x4+abs(x) – juft f-ya;*

*5)y(-x)=abs(-x)+(-x)3=abs(x)- x3= -(-abs(x)+x3) – na juft, na toq f-ya.*

1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 222 –misol***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *.*



***Maqsad: a) ta’limiy:***  *O’quvchilarga funksiya va uning xossalarini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*



***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

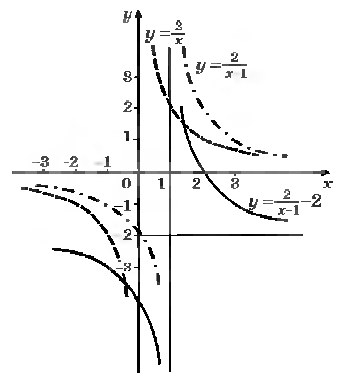
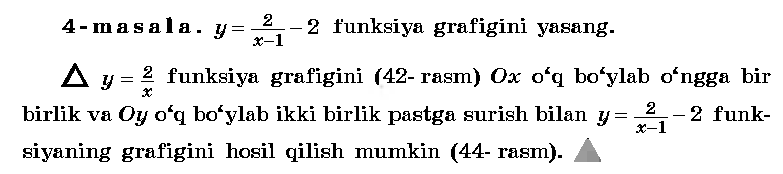
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

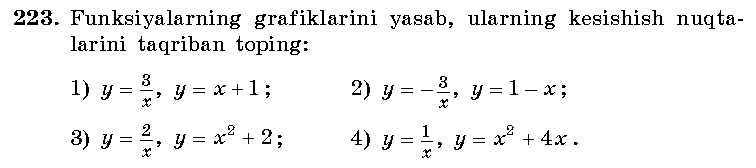
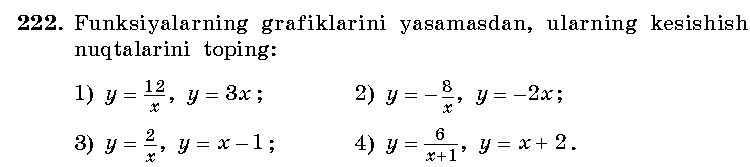
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

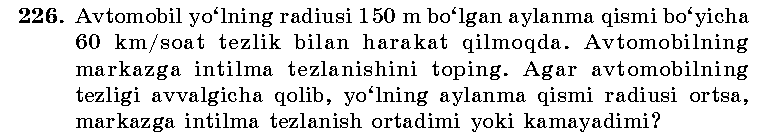


1. ***Yangi mavzuning bayoni***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***



***Yechish:****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***V.Baholash.***

***VI.Uyga vazifa. 227 –misol .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Daraja qatnashgan tenglama va tengsizliklar.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga daraja qatnashgan tenglama va tengsizliklarni yechishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

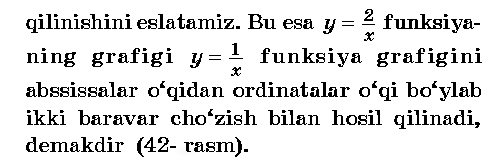
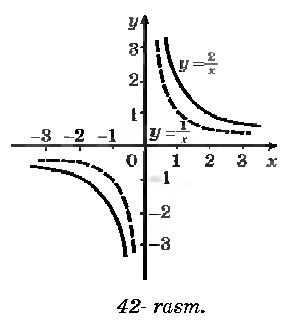
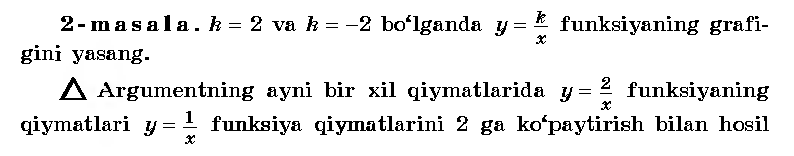
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

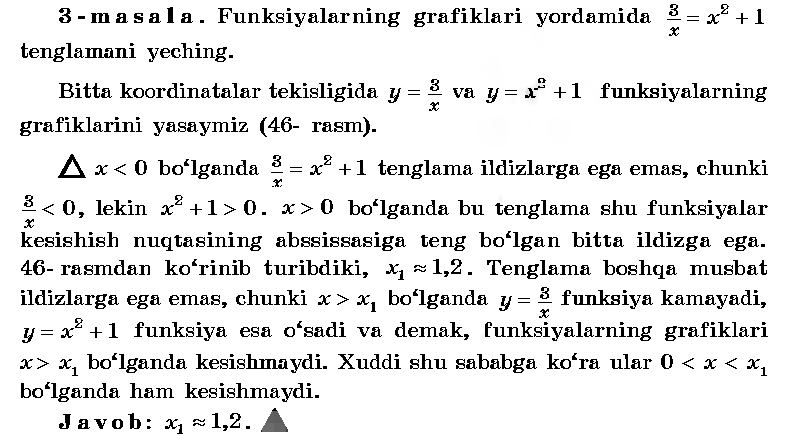
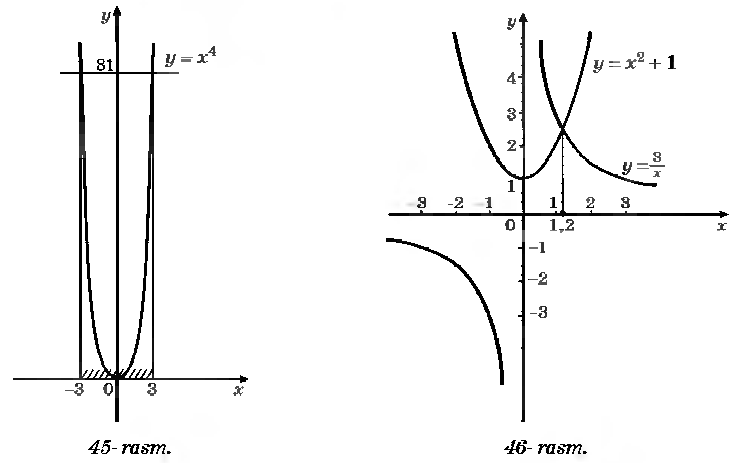
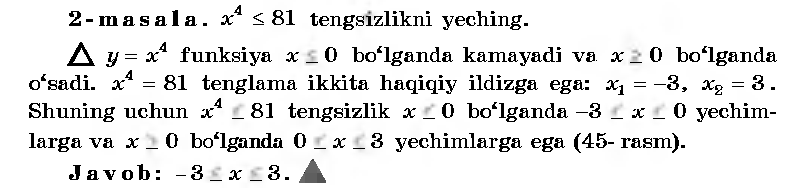
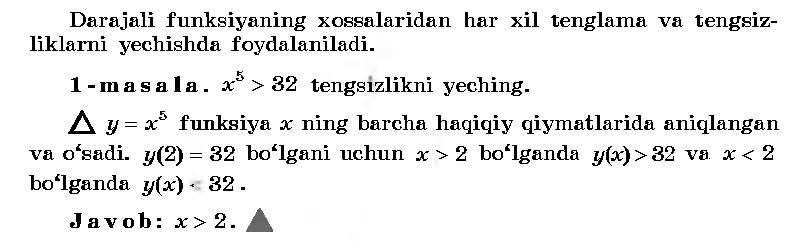
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.№232-233.***

***V.Baholash.***

***VI.Uyga vazifa. 234-236 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №237-243.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga daraja qatnashgan tenglama va tengsizliklarni yechishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

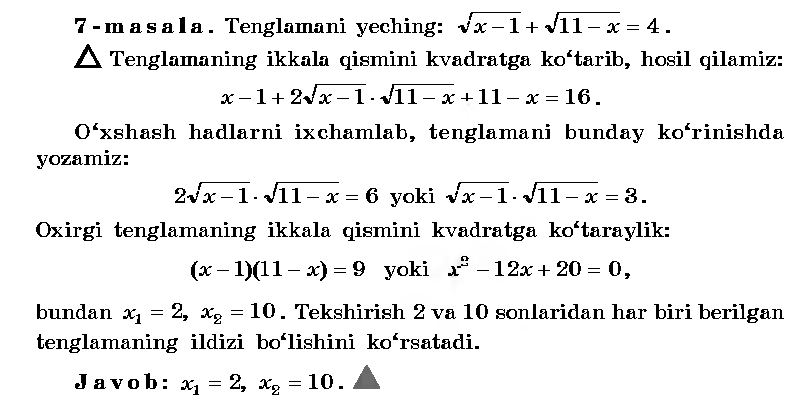
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

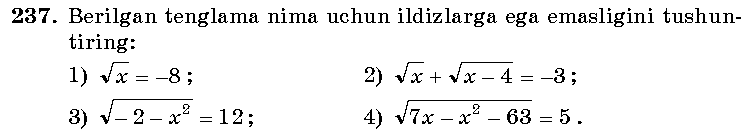
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***Yechilishi: 1)x≥0 shartni qanoatlantirmaydi.***

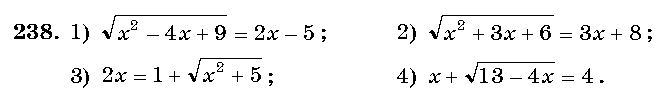
***2) An.soha: x≥0 va x≥4; 2***



***x+2+x-4=9; 2=13+2x***



***x2-4x=42,25+13x+x2; 17x=-42,25; x=-2,48-chet ildiz ,chunki -2,48soni an.sohaga kirmaydi.***

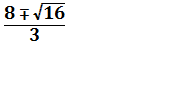
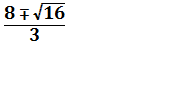


***Yechilishi: 1)An.soha: x2-4x+9≥0; 2x-5≥0; x≥2,5.***

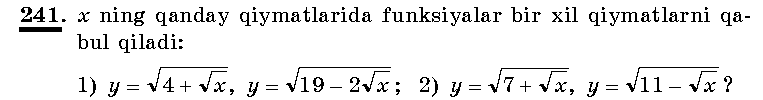
***x2-4x+9=4x2-20x+25***

***3x2-16x+16=0; D=(-8)2-3\*16=64-48=16;***

***X1,2= =; x1= ; x2 = 4.***



***X= -chet ildiz. Javob: x=4.***



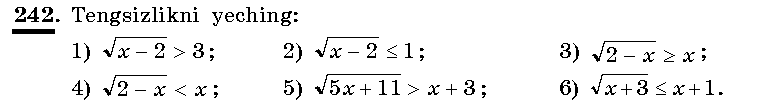
***Yechilishi: 1);***



***4+ =19-2; 3=15; =5; x=25. J:25***



***IV.Mustahkamlash.№242-243.***



***Yechish: 1)An.soha: x-2>0; x>2.***

***x-2>9; x>11. J:x>11***

***2) An.soha: x-2>0; x>2.***

***x-2≤1; x≤ 3; J:2<x≤ 3***

***V.Baholash. VI.Uyga vazifa. 249-250 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*



***Maqsad: a) ta’limiy:***  *O’quvchilarning funksiyani aniqlanish sohasi, uning o’sish va kamayish oraliqlari, juftligi, toqligi, y= funksiya xossalariga doir bilimlarini tekshirish;*



***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1. y= funksiyaning aniqlanish sohasini toping.*



*2. y= va y= funksiyalarning grafiklarini yasamasdan, ularning kesishish nuqtalarining koordinatasini toping.*



*3. y= funksiyaning grafigini yasang va xossalarini ko’rsating.*



*4. Tenglamani yeching: =4-x*



*5. Tengsizlikni yeching: <4*



*II variant*

*1. y= funksiyaning aniqlanish sohasini toping.*



*2. y= va y=2x funksiyalarning grafiklarini yasamasdan, ularning kesishish nuqtalarining koordinatasini toping.*

*3. y= funksiyaning grafigini yasang va xossalarini ko’rsating.*



*4. Tenglamani yeching: =7-x*



*5. Tengsizlikni yeching: <5*



*Yechimlari:*

*I variant*

1. *Aniqlanish soha: 12-4x-x2 ≥ 0 tengsizlikning yechimlari bo’ladi.*

*12-4x-x2=0; x1=-6; x2=2.*

*Javob: -6≤ x ≤ 2*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Burchakning radian o’lchovi.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini topishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

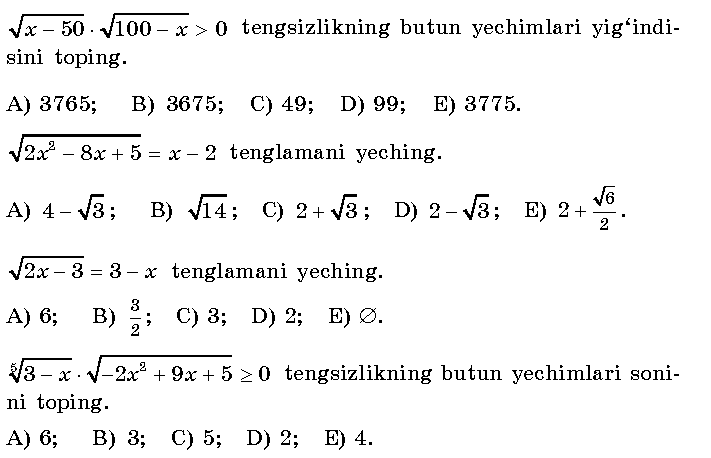
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

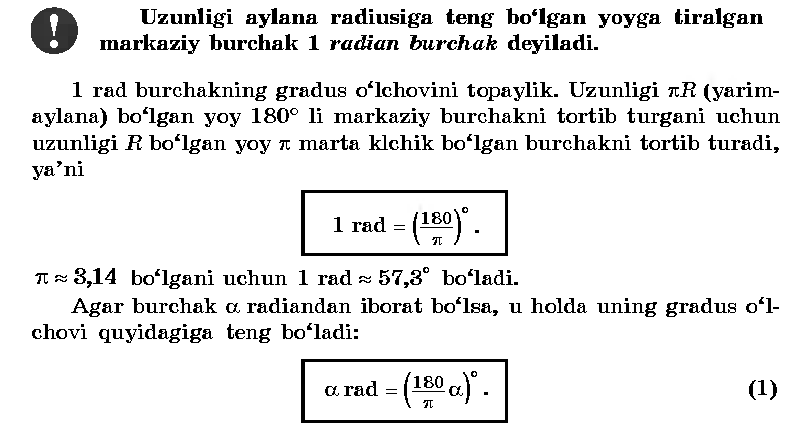
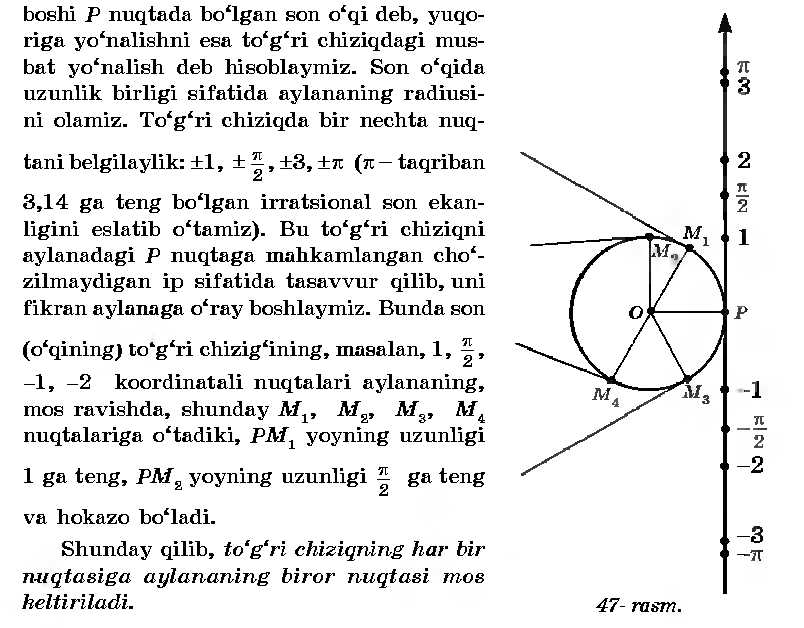
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

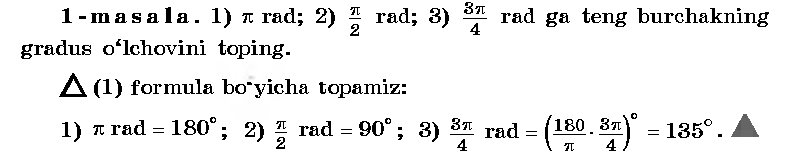


*Test kaliti: 1-B; 2-C; 3-D; 4-E.*

1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 261 –misol .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №262-265.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini topishga doir misollar yechishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

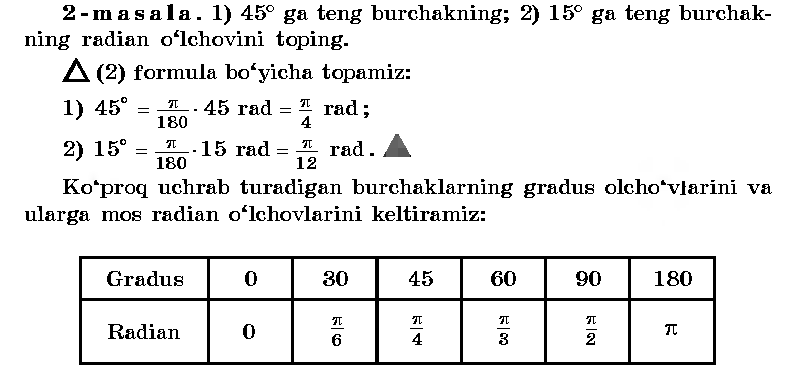
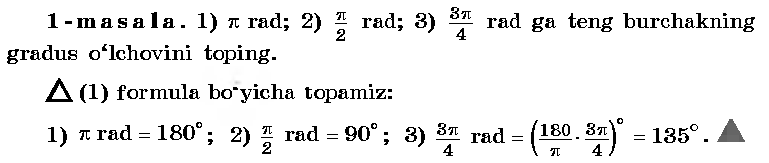
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

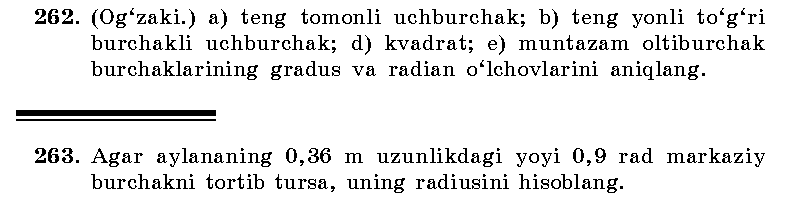
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



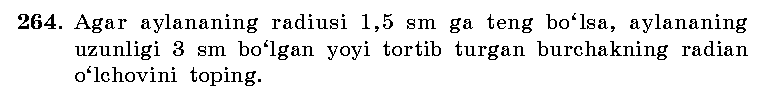
***B-gan: Yechish:***

***l=0,36 R = =0,4***



***α=0,9 rad Javob: R=0,4m***

***R=?***



***B-gan: Yechish:***

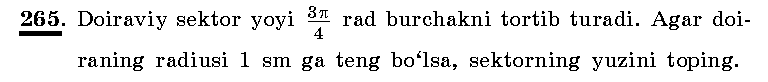
***R=1,5 sm l=αR***

***l=3sm α=***



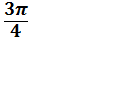
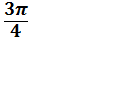
***α=? Javob: 2 rad.***

***IV.Mustahkamlash.№242-243.***



***B-gan: Yechish:***

***α= S== \* =***



***R=1 sm Javob: sm2***



***S=?***

***V.Baholash.***

***VI.Uyga vazifa. 266 –misol .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nuqtani koordinata boshi atrofida burish.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini toppish, nuqtani koordinata boshi atrofida burishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

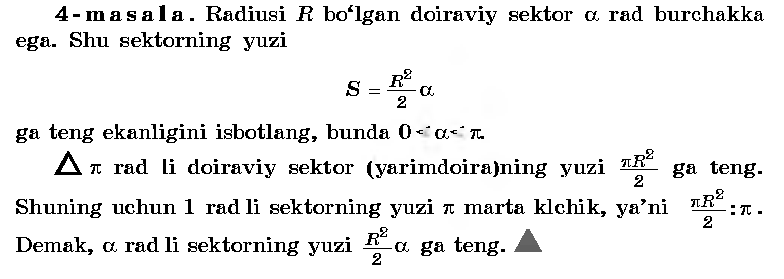
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

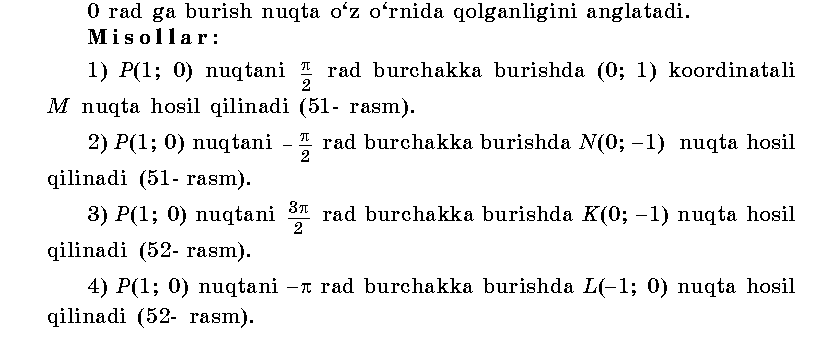
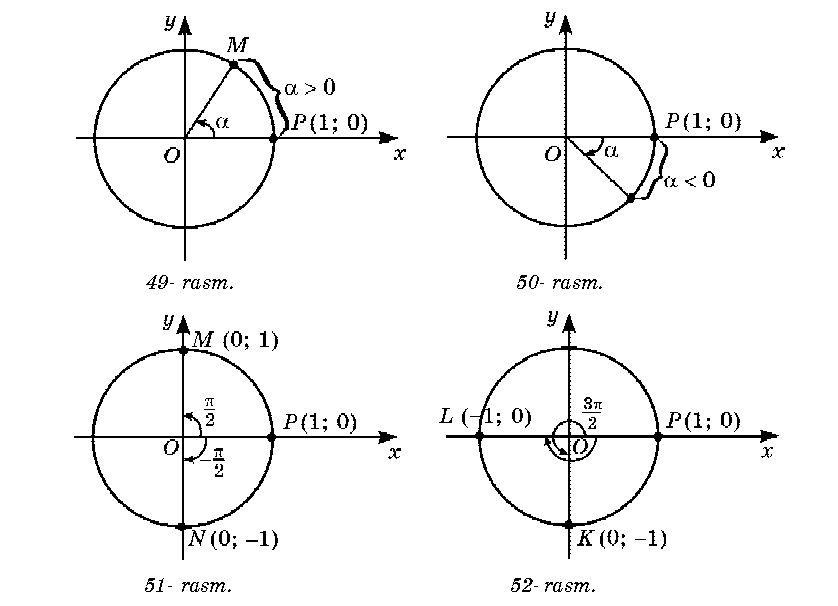
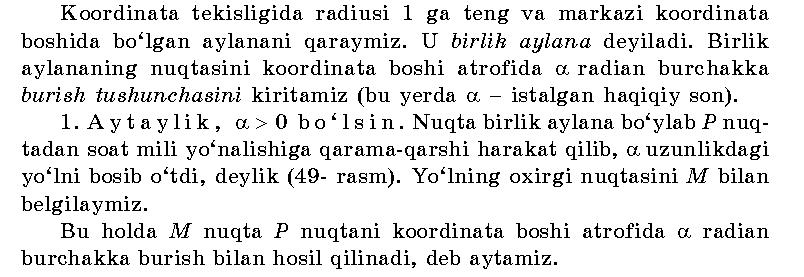
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

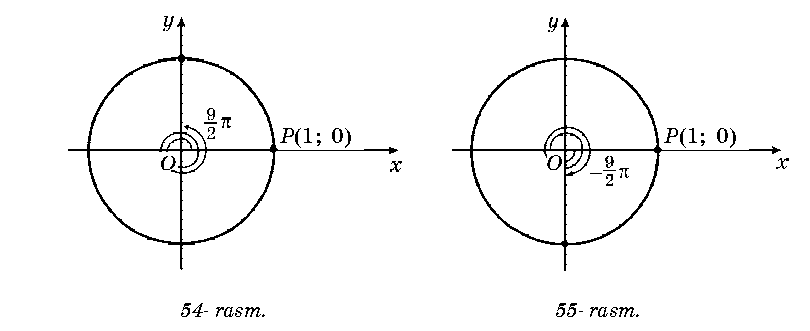
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 271-272 –misollar .***

***Sana: \_\_\_\_\_\_\_\_\_***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*



***Maqsad: a) ta’limiy:***  *O’quvchilarning trigonometriya elementlari, nuqtani koordinata boshi atrofida burish, o’tkir burchak sin, cos, tg va ctgsini topishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1. (1;0)nuqtani - (k € Z)burchakka burishda hosil bo’lgan nuqtaning koordinatalarini toping.*



*2. (0;1), (0;-1) nuqtalarni hosil qilish uchun P(1;0)nuqtani burish kerak bo’lgan barcha burchaklarni toping.*

*3. Ifodaning qiymatini toping: sin .*



*4. Tenglamani yeching: =0*

*5. Birlik aylanada P(1;0)nuqtani* *burchakda tasvirlang****.***

*II variant*

*1. (1;0)nuqtani (k € Z)burchakka burishda hosil bo’lgan nuqtaning koordinatalarini toping.*

*2. (-1;0), (1;0) nuqtalarni hosil qilish uchun P(1;0)nuqtani burish kerak bo’lgan barcha burchaklarni toping.*

*3. Ifodaning qiymatini toping: ( 2tg):cos.*



*4. Tenglamani yeching: =0*



*5. Birlik aylanada P(1;0)nuqtani* *burchakda tasvirlang****.***



*Yechimlari:*

*I variant*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***UYGA VAZIFA****. Takrorlash*

***Sana: Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №273-275.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini topish, nuqtani koordinata boshi atrofida burishni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tar biyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

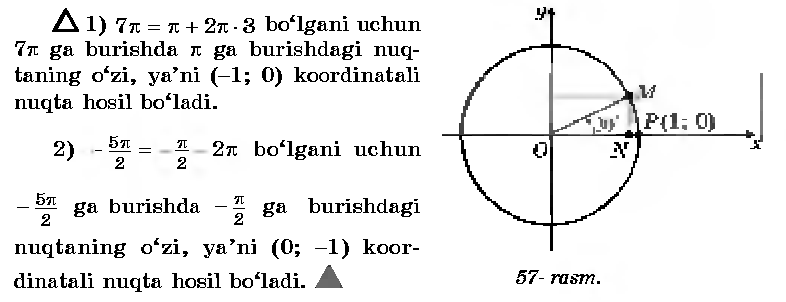
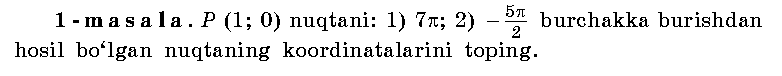
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

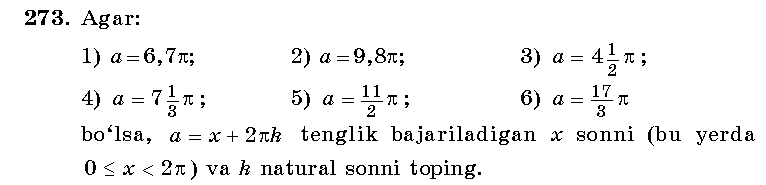
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



*Yechish: 1)a=6,7𝛑 ; a=x+2𝛑k; 0 ≤ x< 2𝛑 k-natural son*

*a=0,7𝛑+6𝛑 bundan x=0,7𝛑 va k=3.*

*2) a=9,8𝛑 ; a=x+2𝛑k; 0 ≤ x< 2𝛑 k-natural son*

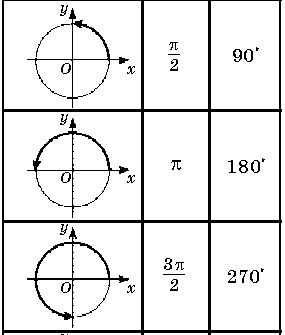
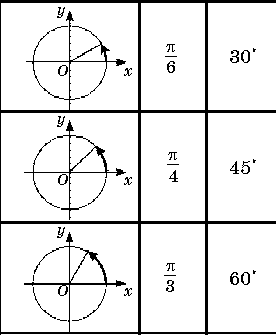
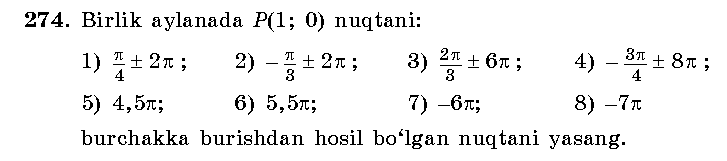
*a=1,8𝛑+8𝛑 ,bundan x=1,8𝛑 va k=4.*

*3)a=4,5𝛑 ; a=x+2𝛑k; 0 ≤ x< 2𝛑 k-natural son*

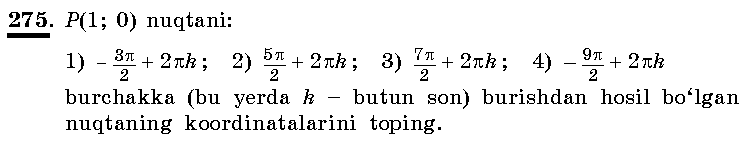
*a=0,5𝛑+4𝛑 bundan x=0,5𝛑 va k=2.*

*4) a=7 𝛑 ; a=x+2𝛑k; 0 ≤ x< 2𝛑 k-natural son*

*a=1 𝛑+6𝛑 bundan x=1 𝛑 va k=3.*



***IV.Mustahkamlash.***



*Yechish: 1)P(0;1), 2)P(0;-1), 3)P(0;1), 4)P(0;-1)*

***V.Baholash.***

***VI.Uyga vazifa. 276 –misol .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Burchakning sinusi, kosinusi, tangensi va kotangensi ta’riflari.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ixtiyoriy burchakning sinus, kosinus, tangens va kotangensi ta’riflarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

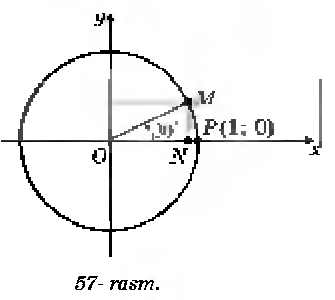
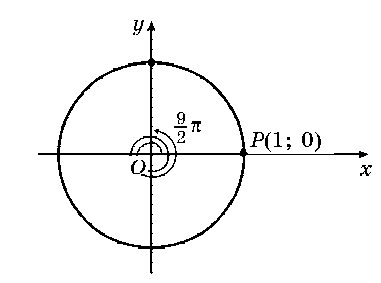
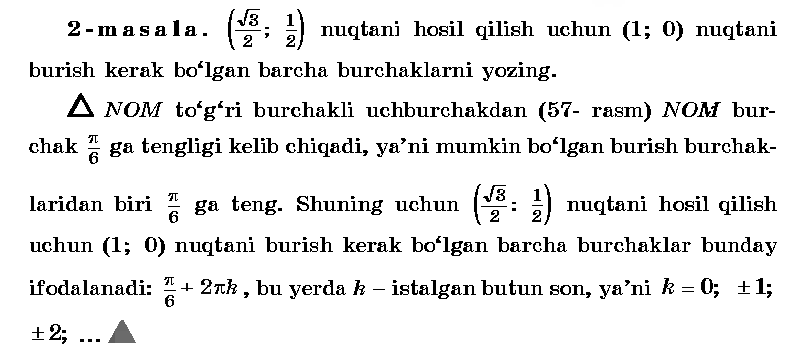
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

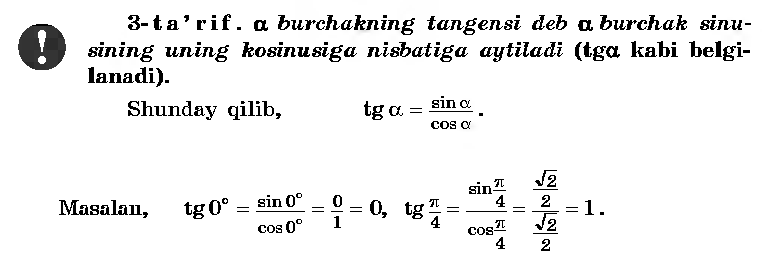
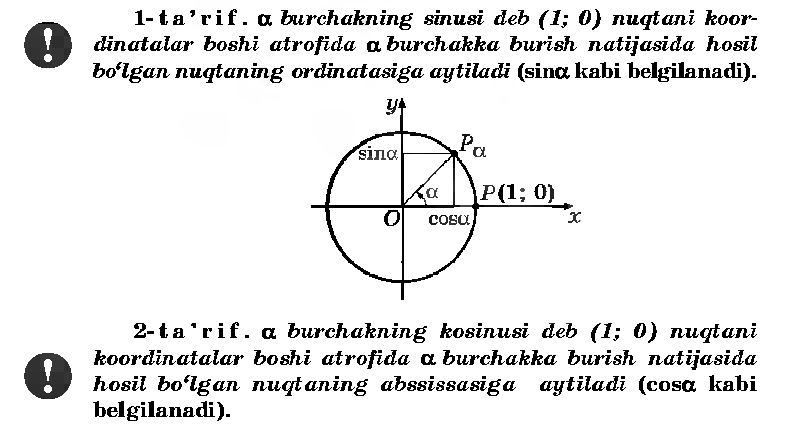
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

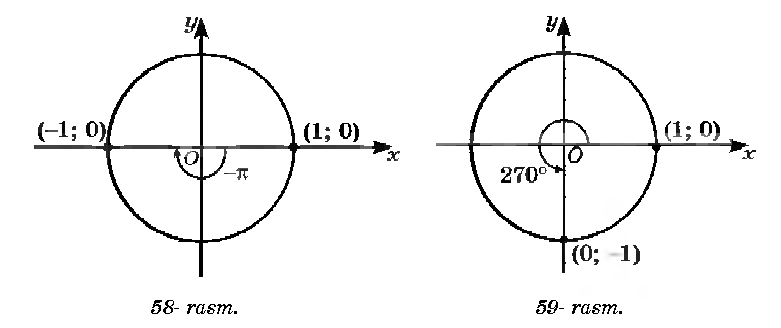
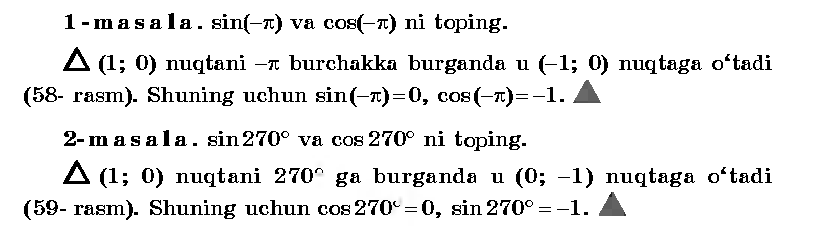
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash. VI.Uyga vazifa. 281-282 –misollar .***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №283-285.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini topish, burchakning sinusi, kosinusi va tangensini hisoblashni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

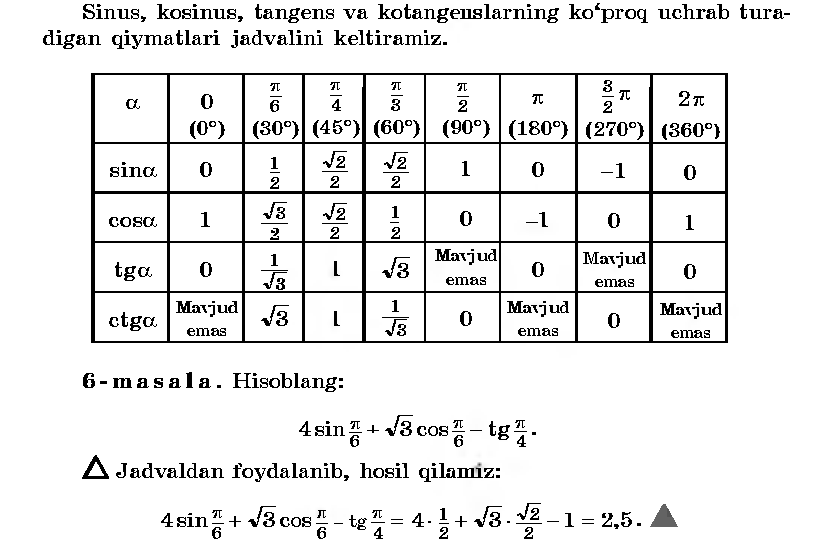
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

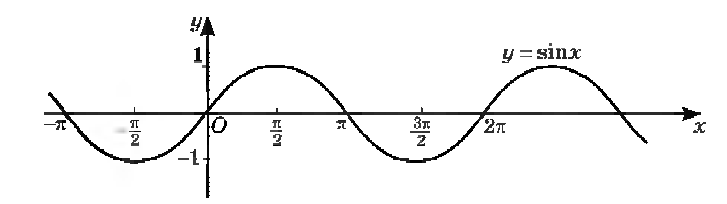
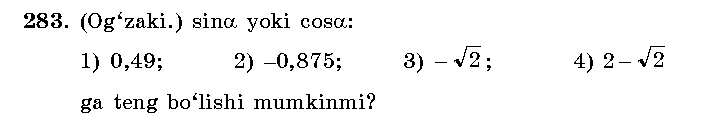
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

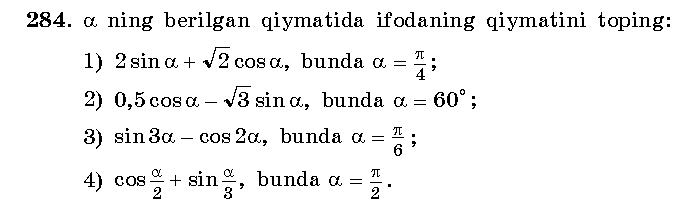


1. ***Yangi mavzuning bayoni***



***Yechish: 1)sinα=0,49 , cosα=0,49; 2)sinα=-0,875 , cosα=-0,875;***

***3)sinα≠ - , cosα≠ - ; 4)sinα=2- , cosα=2- .***



***Yechish:1) 2sin=2\* + \* =***



***2)0,5cos600- sin600=0,5\* - \* = 0,25-1,5= -1,25***



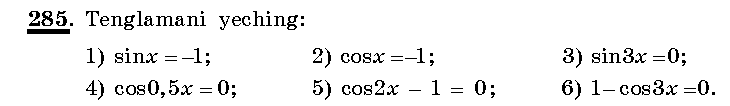
***3)sin3\* ;***



***4)cos;***



***IV.Mustahkamlash.***



***Yechish: 1)x= ; 2)x=𝛑 +2𝛑k; 3)3x=𝛑k; x = ;***



***4)0,5x= x= ; 5)2x=; x= .***



***V.Baholash.***

***VI.Uyga vazifa. 286 –misol .***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish .*

***Maqsad: a) ta’limiy:***  *O’quvchilarga burchakning radian o’lchovini topish, burchakning sinusi, kosinusi va tangensini hisoblashni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars*

***Dars uslubi*** *: Savol- javob*

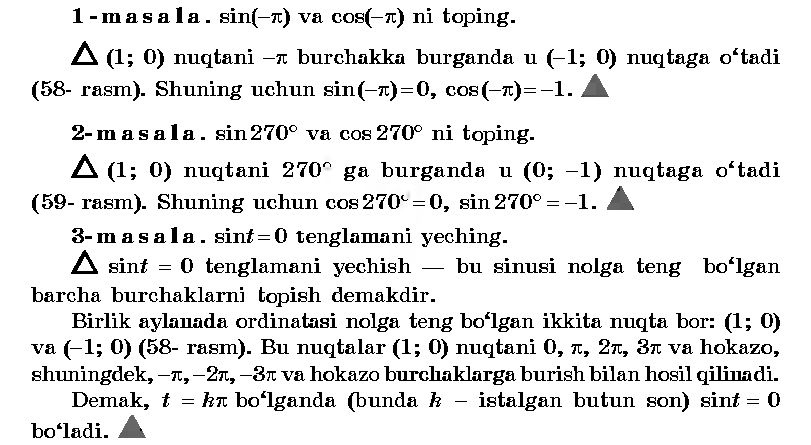
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

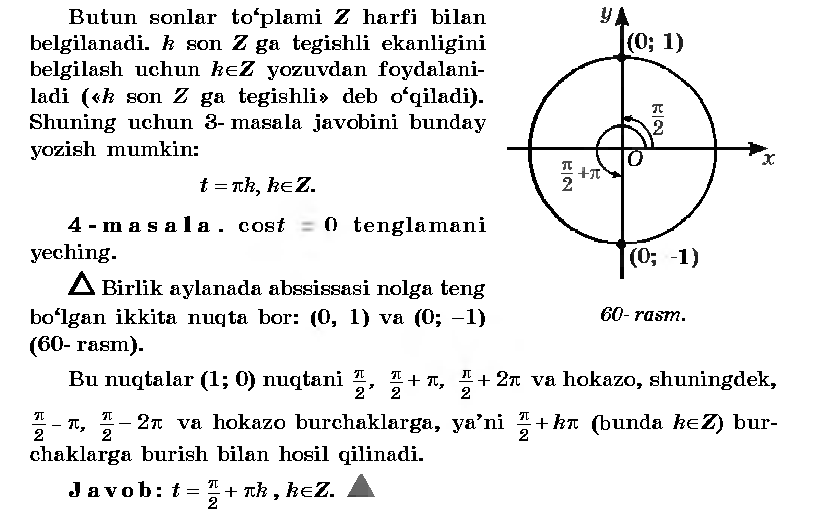
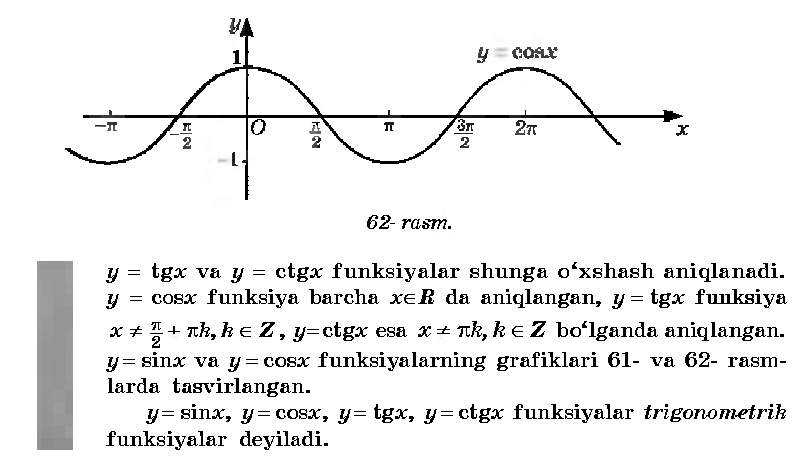
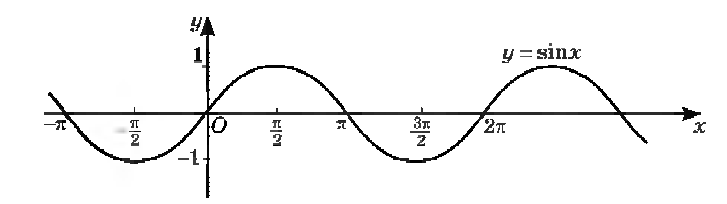
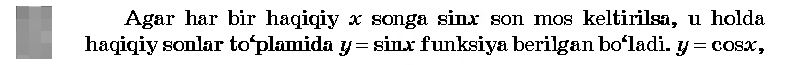
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***

***V.Baholash.***

***VI.Uyga vazifa. 9-13 –misollar .***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Burchakning sinusi, kosinusi, tangensi va kotangensi ishoralarilari.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ixtiyoriy burchakning sinus, kosinus, tangens va kotangensi ishoralarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

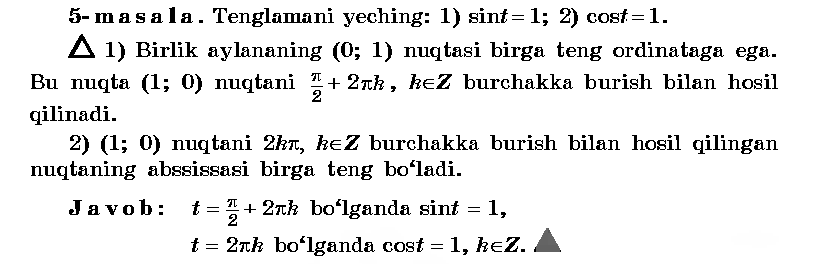
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

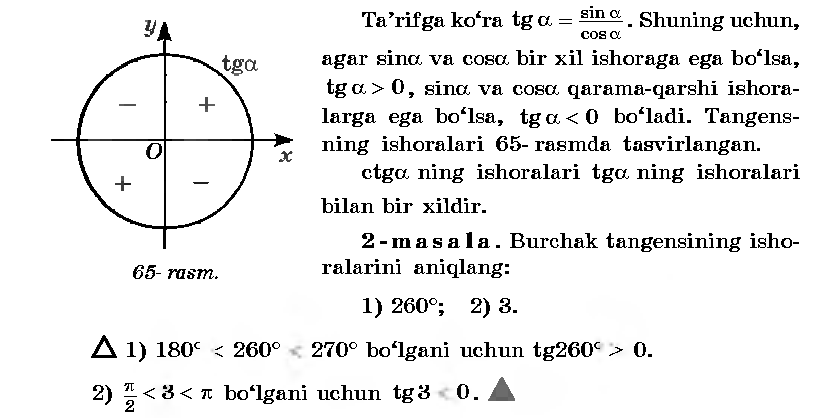
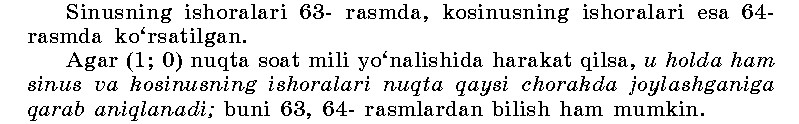
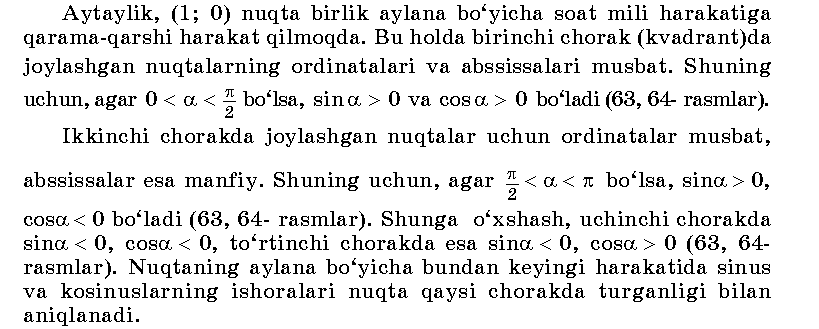
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

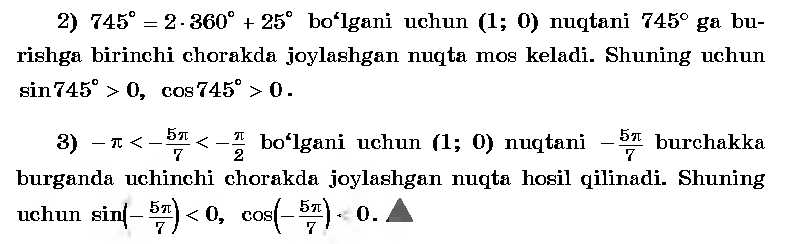
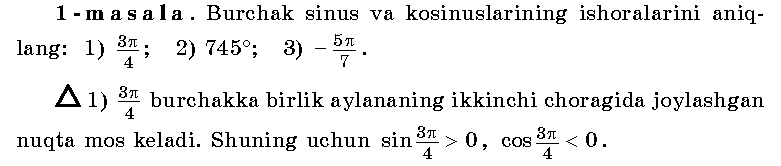
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash. VI.Uyga vazifa. 290 -291 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №292-297.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ixtiyoriy burchakning sinus, kosinus, tangens va kotangensi ishoralarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

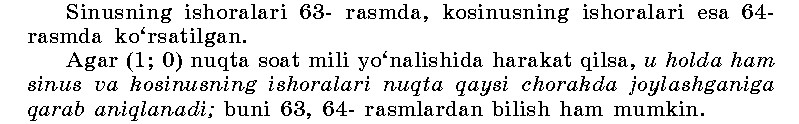
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

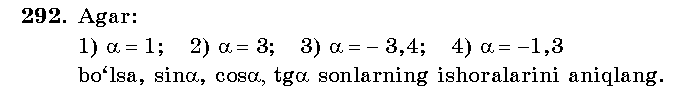
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

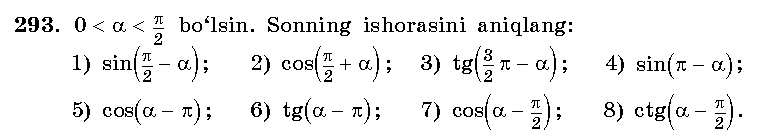


***Yechish: 1)****α=1rad- I chorak; sinα>0; cosα>0; tgα>0;*

***2)****α=3rad- II chorak; sinα>0; cosα<0; tgα<0;*

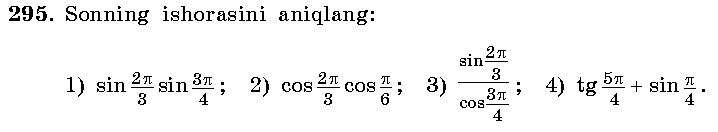
***3)*** *α=-3,4rad- II chorak; sinα>0; cosα<0; tgα<0;*

***4)*** *α=-1,3rad- IV chorak; sinα<0; cosα>0; tgα<0;*

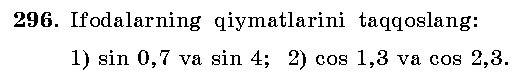


***Yechish: 1)****I chorak, sinα>0;* ***2)*** *II chorak, cosα<0;* ***3)*** *III chorak, tgα>0;*

***4)*** *II chorak, sinα>0;* ***5)*** *III chorak, sinα<0;* ***6)*** *III chorak, tgα>0;*

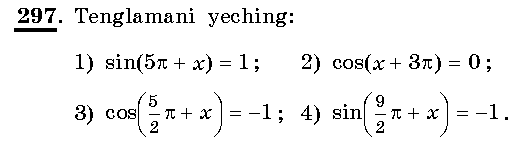


*Yechish: 1)(+)(+)=(+); 2)(-)(+)=(-); 3)(+)/(-)=(-); 4)(+)+(+)=(+).*



*Javobi: 1)sin0,7>sin4; 2)cos1,3>cos2,3*

***IV.Mustahkamlash.***



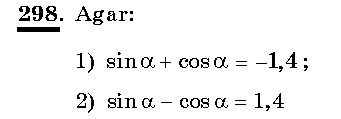
***Yechish: 1)****5𝛑 +x=* ***2)****3𝛑 +x= 3)*



*x* ***=*** *-4,5𝛑 +2𝛑n.**x* ***=*** *-2,5𝛑 +𝛑n.**x* ***=*** *-1,5𝛑 +2𝛑n.*

***V.Baholash.***

***VI.Uyga vazifa. 298 -299 –misollar .***



***Javob:*** *1)ikkalasi ham manfiy bo’ladigan chorak – III chorak;*

*2)sinus musbat, kosinus manfiy bo’ladigan chorak – II chorak.*

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №303-307.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ayni bir burchakning sinusi, kosinusi, tangensi va kotangensi orasidagi asosiy munosabatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

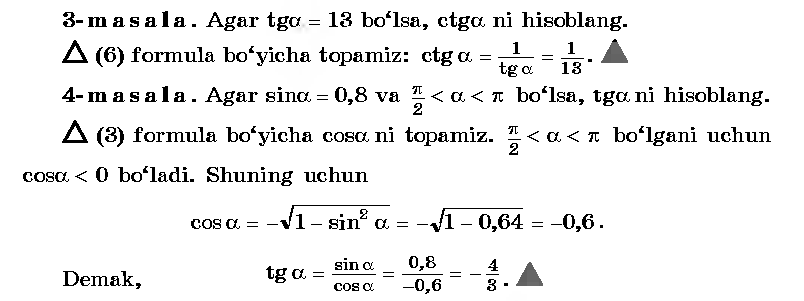
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

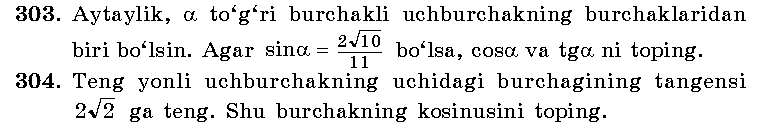
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***№303.Yechish: cosα = =***



***tgα=***



*№304.Yechish: 1+tg2α= ; cos2α=*



*Cosα= Javob: Cosα=*



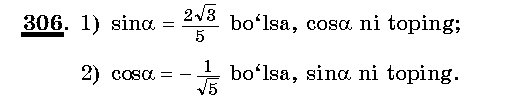
*Yechish: (cos2a-sin2a)(cos2a+sin2a)=cos2a-1+cos2a=2cos2a-1=*



Cos2a=( ):2= cosa=



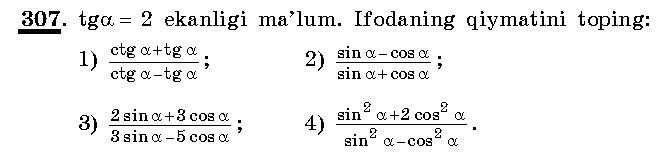
***IV.Mustahkamlash.***



***Yechish: 1) sinα = =***



***2)cosα = =***



***Yechish:1) 2) =***

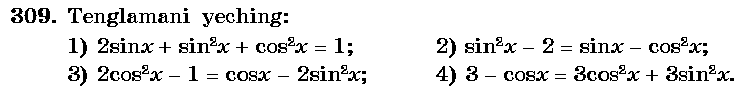


***3) =***



***V.Baholash.***

***VI.Uyga vazifa. 308 -309 –misollar .***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Trigonometrik ayniyatlar.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ayni bir burchakning sinusi, kosinusi, tangensi orasidagi asosiy munosabatlarni va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

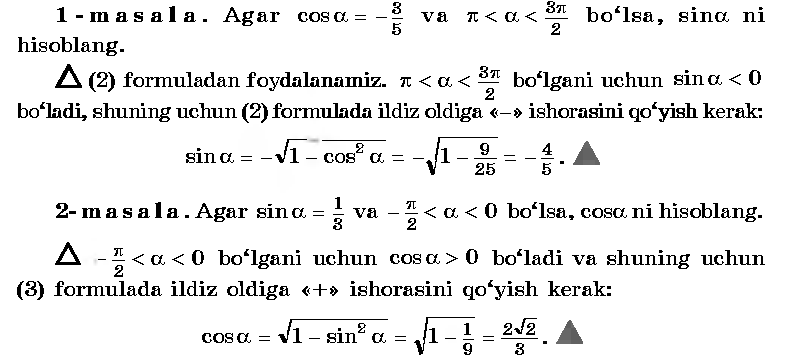
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

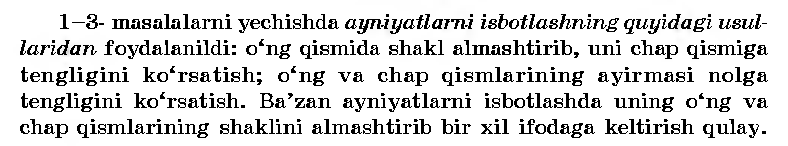
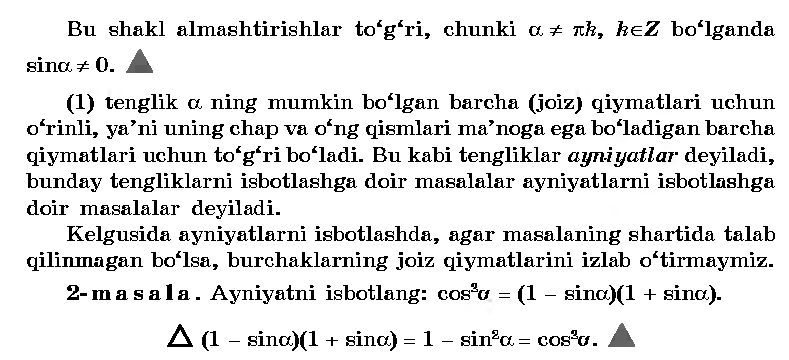
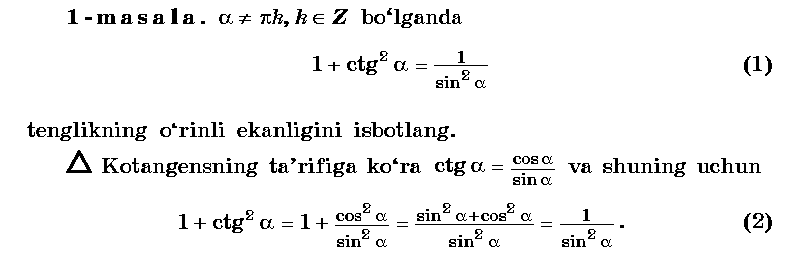
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

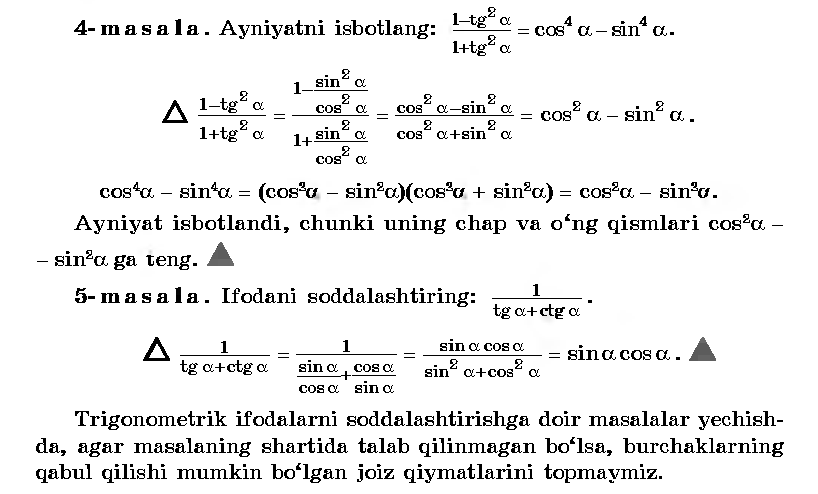
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

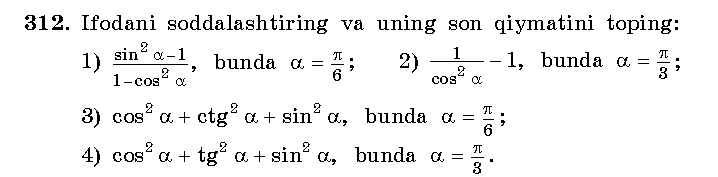


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 312 –misol .***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana:*** 4.02. 2014

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ayni bir burchakning sinusi, kosinusi, tangensi orasidagi asosiy munosabatlarni va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

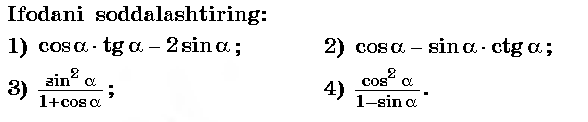
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

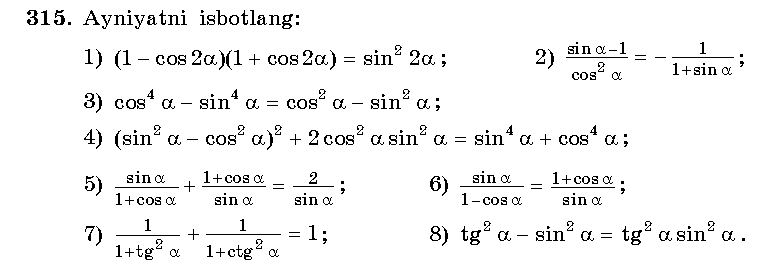
*Mustaqil ish:*



*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

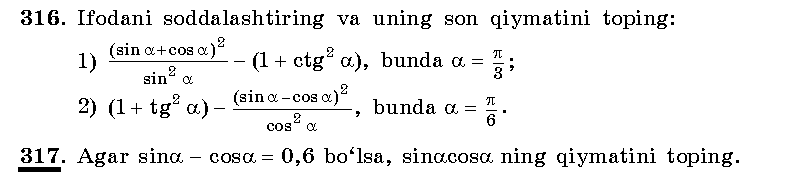
1. ***Yangi mavzuning bayoni***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



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***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



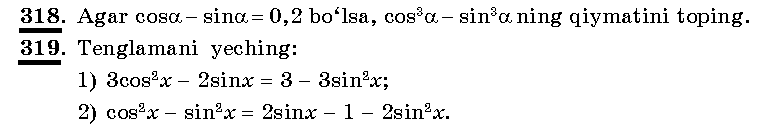
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 318-319 –misollar .***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *α va (-α) burchakning sinusi, kosinusi, tangensi va kotangensi.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga α va (-α) burchakning sinusi, kosinusi, tangensi va kotangensini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

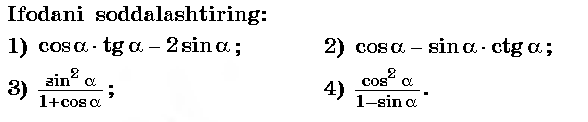
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

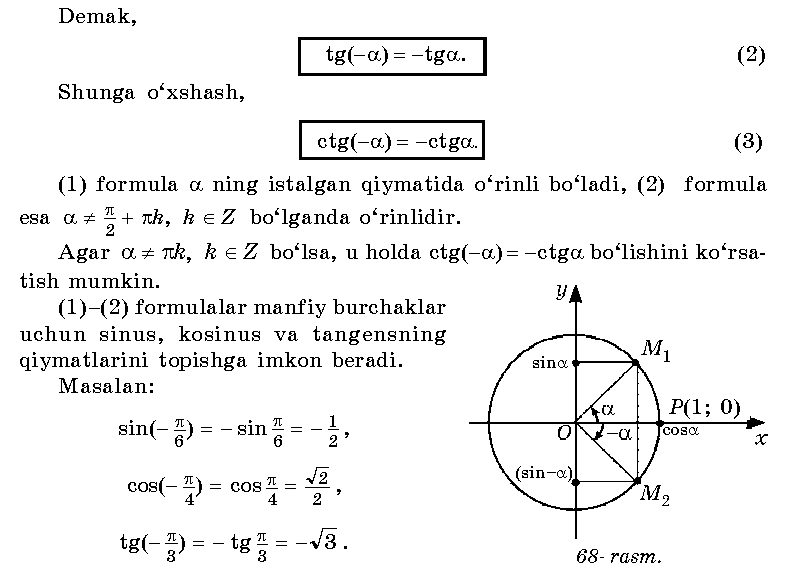
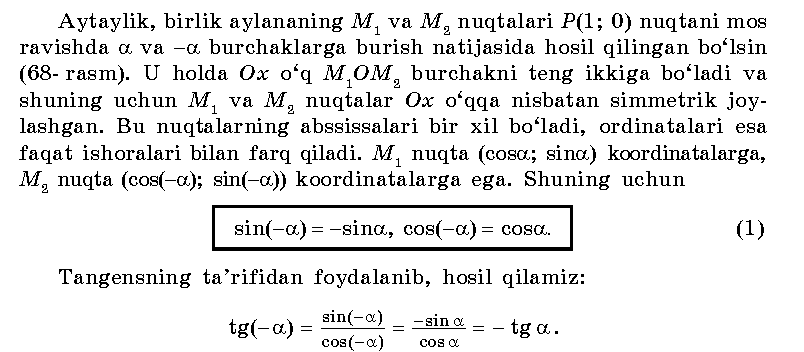
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



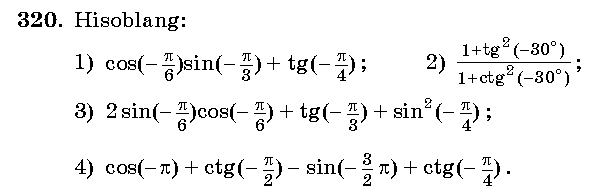
*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. ***Yangi mavzuning bayoni***



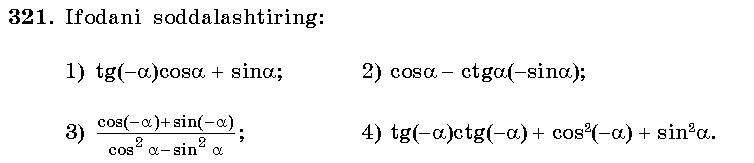
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 321 –misol .***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №322-323.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga α va (-α) burchakning sinusi, kosinusi, tangensi va kotangensini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

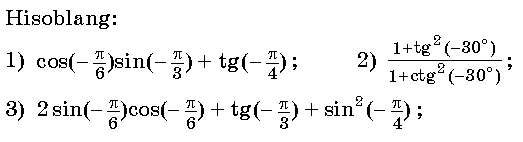
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

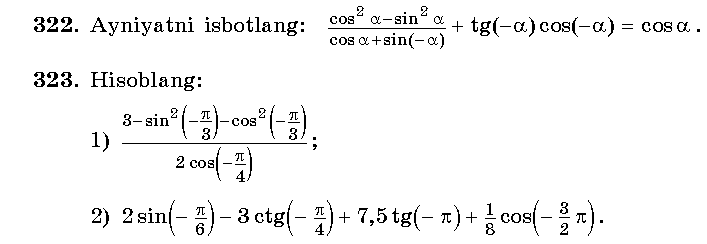
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

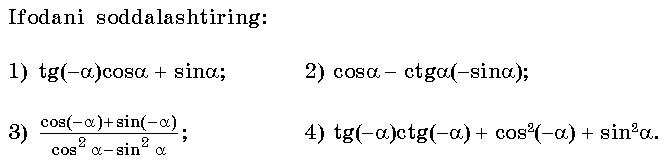
1. ***Yangi mavzuning bayoni***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

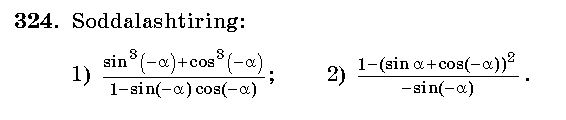
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 324 –misol .***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi*



***Maqsad: a) ta’limiy:***  *O’quvchilarning trigonometrik ifodalarni soddalashtirish, ifodaning qiymatini topishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1. Ifodani soddalashtiring va α=bo’lganda son qiymatini toping: cos2α+ctg2α+sin2α=*

*2. Ifodaning ishorasini aniqlang: sin1600; cos2050; tg970.*

*3. Hisoblang:sin(-300)+cos(-600)-2tg(-300)ctg(-600).*

*4. Agar sin𝛼 = cos𝛼, tg 𝛼, ctg𝛼 larni hisoblang.*

*5. Ayniyatni isbotlang: (1-cos2α)(1+ctg2α)=1****.***

*II variant*

*1. Ifodani soddalashtiring va α=bo’lganda son qiymatini toping: cos2α+tg2α+sin2α=*

*2. Ifodaning ishorasini aniqlang: sin880; cos1550; tg1050.*

*3. Hisoblang: 5sin(-450)+cos(-450)-3tg(-300)+sin(-300).*

*4. Agar sin𝛼 = cos𝛼, tg 𝛼, ctg𝛼 larni hisoblang.*

*5. Ayniyatni isbotlang: cos2α(1+tg2α)-sin2α=cos2α****.***

*Yechimlari:*

*I variant*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\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***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Qo’shish formulalari.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga α va (-α) burchakning sinusi, kosinusi, tangensi va kotangensini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

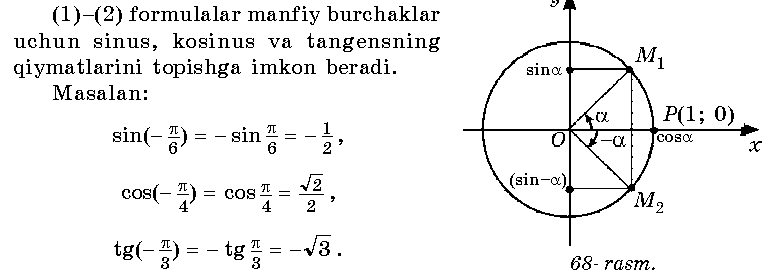
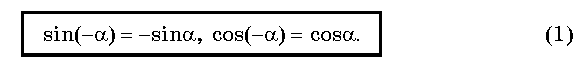
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

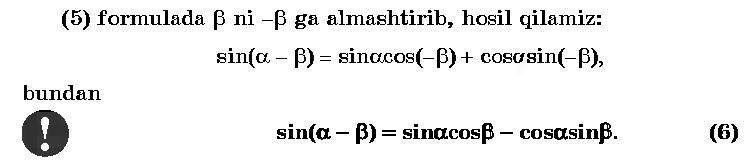
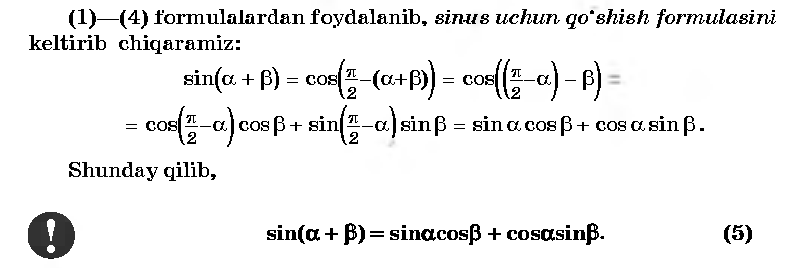
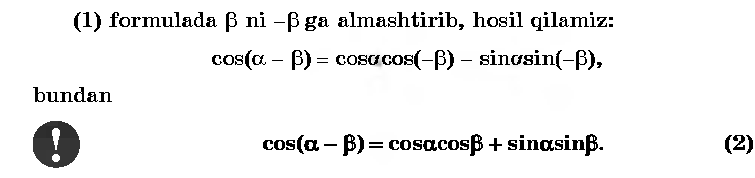
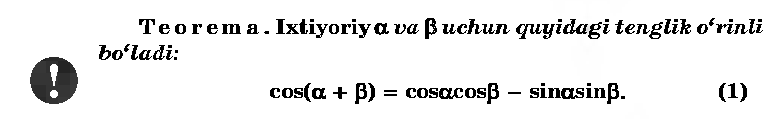
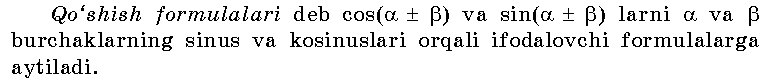
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

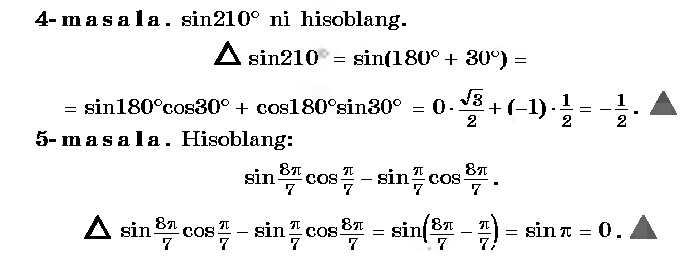
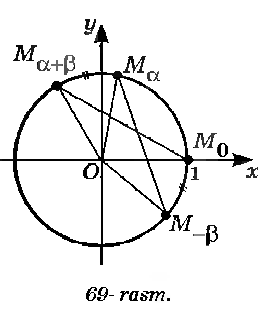
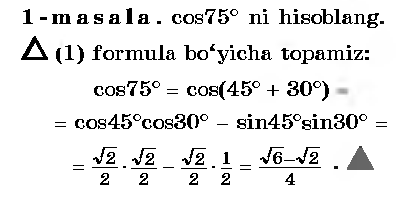
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash. VI.Uyga vazifa. 329-330 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №331-335.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga sinus, kosinus, tangensni qo’shish formulalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

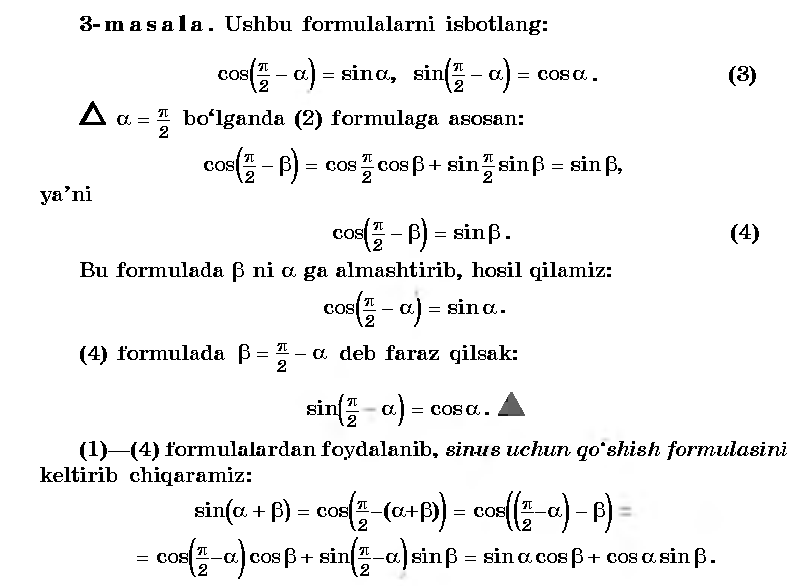
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

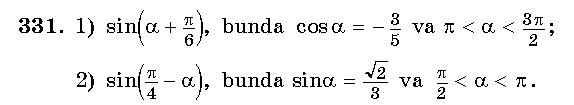
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

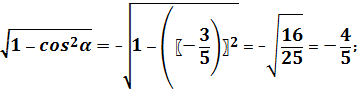
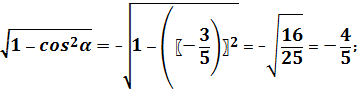
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



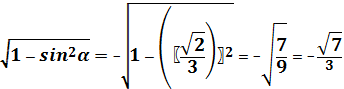
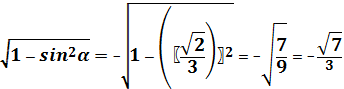
***Yechish: 1)sinα= -***



***Sin(α+***

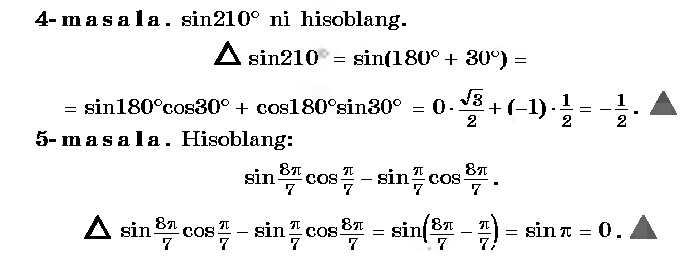


1. ***cos α= -***



***Sin(***

***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. \_\_\_\_\_\_\_–misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Ikkilangan burchakning sinusi, kosinusi, va tangensi.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga sinus, kosinus, tangensning ikkilangan burchak formulalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi:*

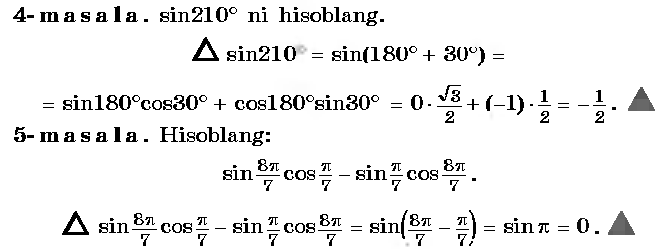
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

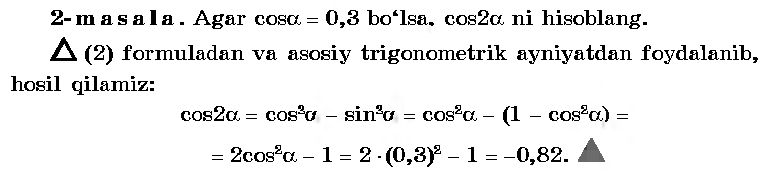
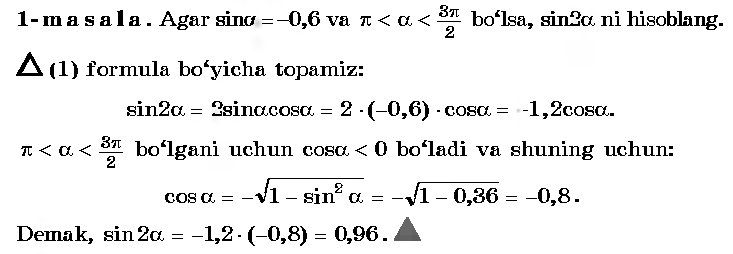
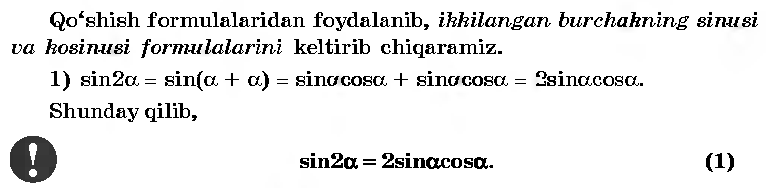
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

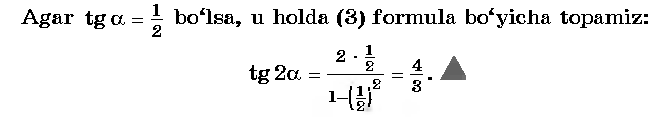
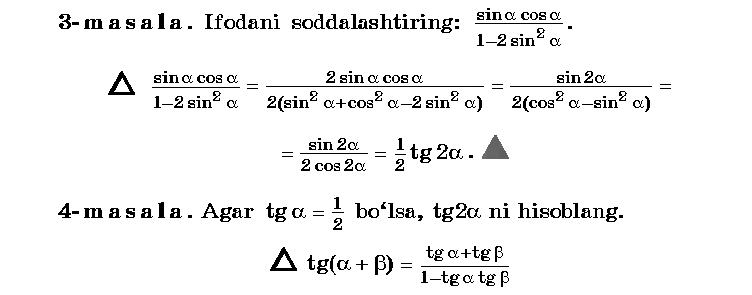
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

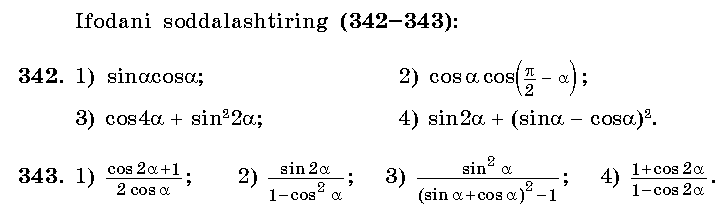


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 342-343–misollar .***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №344-349.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga sinus, kosinus, tangensning ikkilangan burchak formulalarini o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi:*

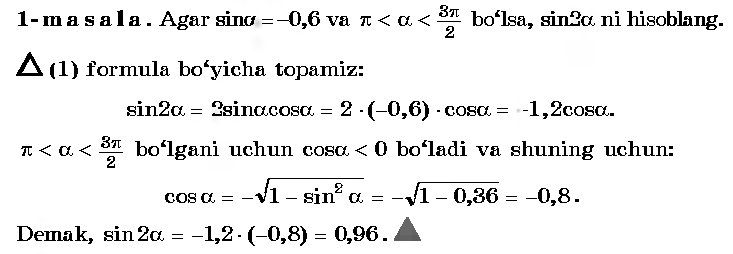
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

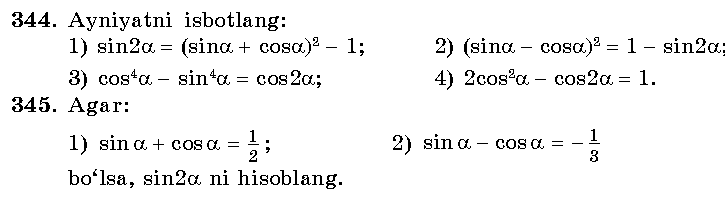
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

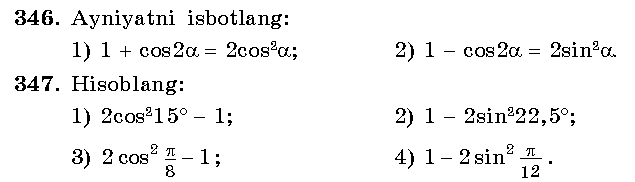


1. ***Yangi mavzuning bayoni***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

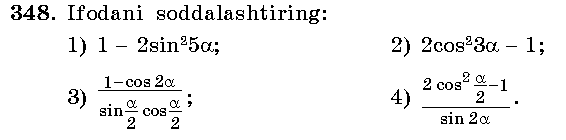


***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***

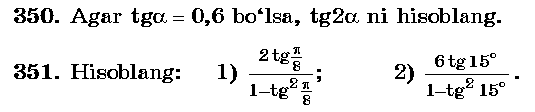
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 342-343–misollar .***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Keltirish formulalari.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga keltirish formulalarini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

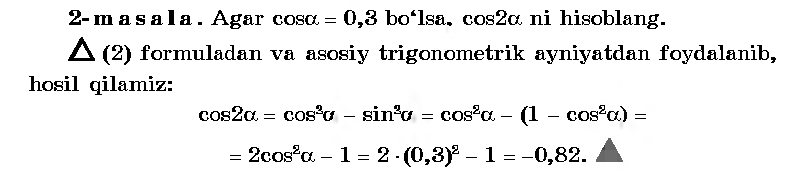
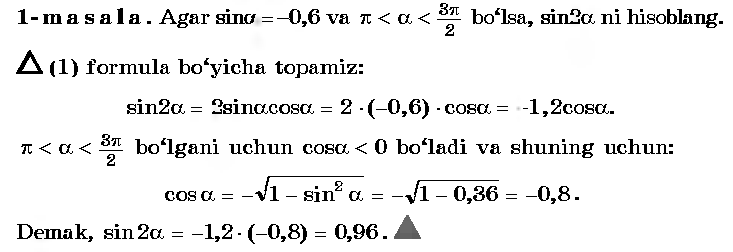
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

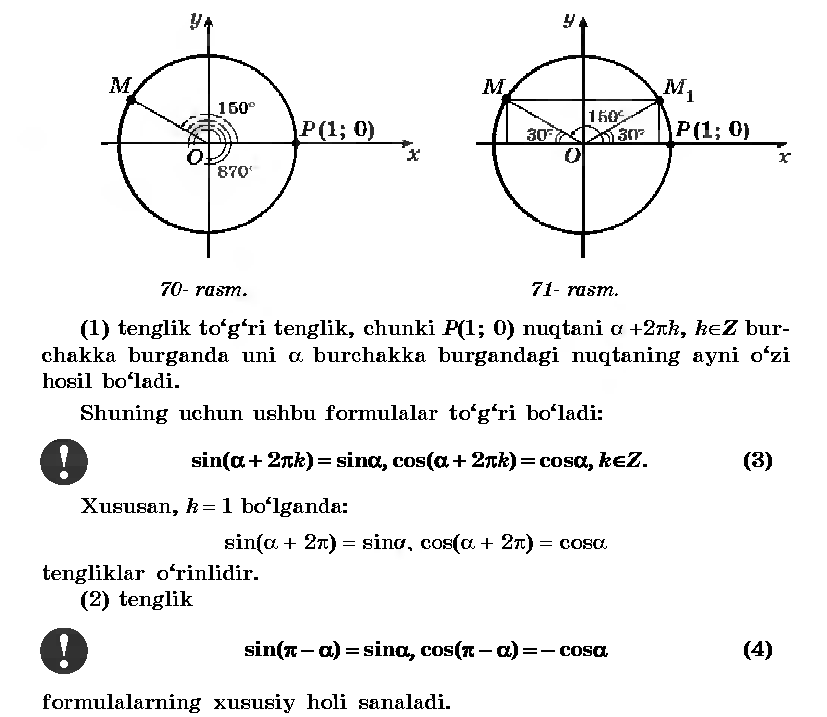
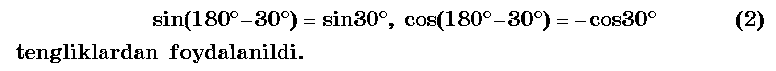
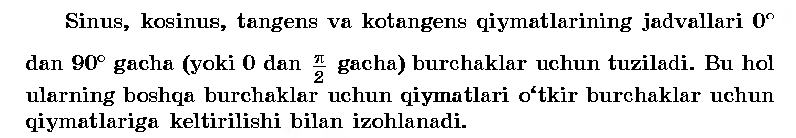
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

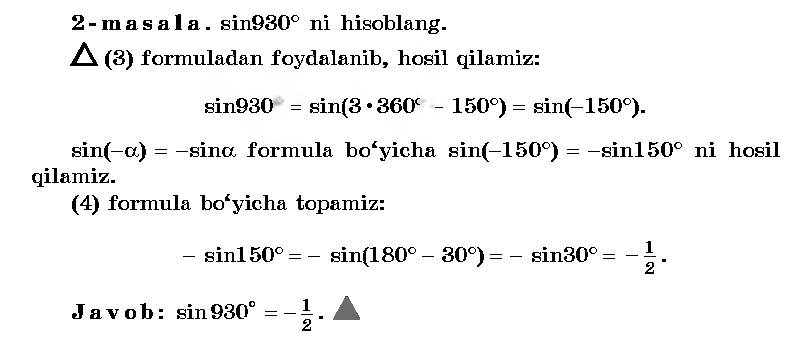
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

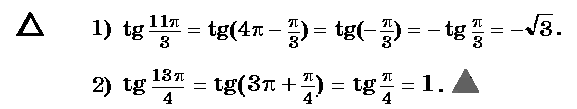


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 355-356 –misollar .***



***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №363-367.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga keltirish formulalarini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

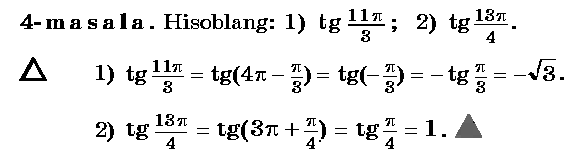
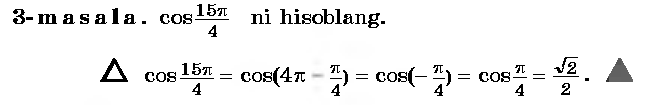
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

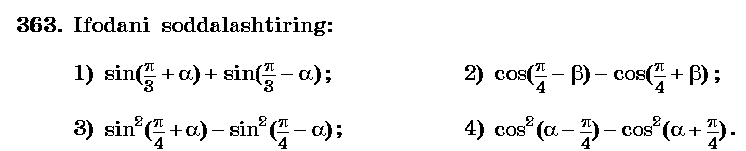
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

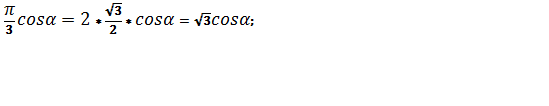
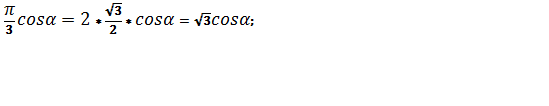
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



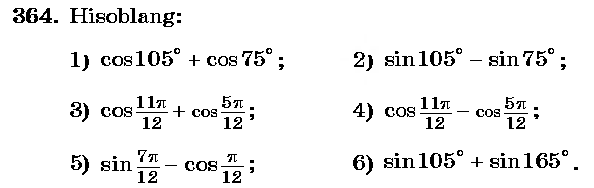
***Yechish:*** *1)2sin=2sin*



***2)****-2sin*



*3)(sin((sin(=2sin*



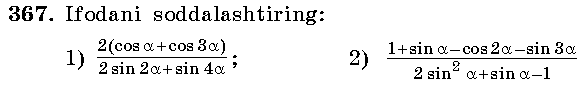
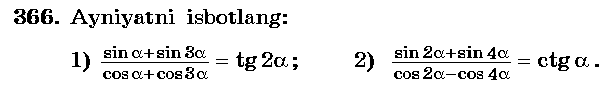
***Yechish:*** *1)cos(900+150)+cos(900-150)=-sin150+sin150=0;*

*2) sin(900+150)-sin(900-150)=cos150-cos150=0;*

*3)cos(*



***IV.Mustahkamlash.***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash.***

***VI.Uyga vazifa. 368-369 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №357-360.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga keltirish formulalarini va trigonometrik ayniyatlarni o’rgatish orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

*Darsning borishi*

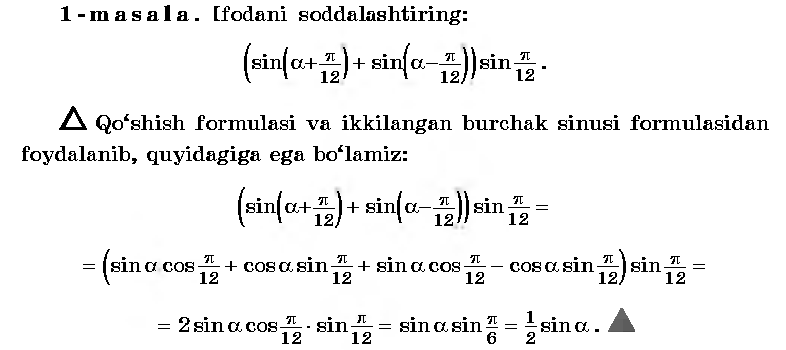
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

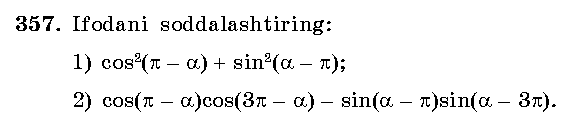
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



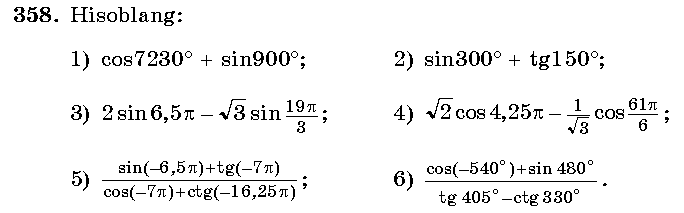
1. ***Yangi mavzuning bayoni***



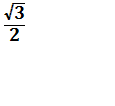
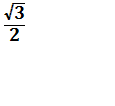
***Yechish:*** *1)cos2𝛼 +sin2𝛼=*



***2)****-cos𝛼\*(-cos𝛼)+sin𝛼\*(-sin𝛼)=cos2𝛼-sin2𝛼=cos2𝛼*



***Yechish: 1)cos(72000+300)+sin9000=cos300+0=;***



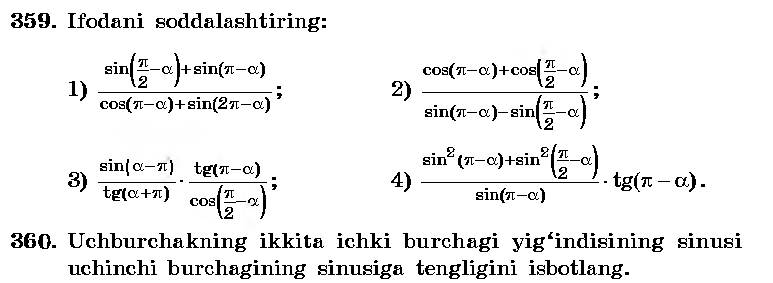
***2) sin(2700+300)+tg(1800-300)=-cos300-tg300=-;***



***3)2sin(6***



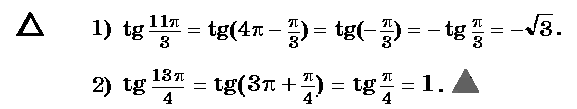
***IV.Mustahkamlash.***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash.***

***VI.Uyga vazifa. 361-362 –misollar .***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi .*



***Maqsad: a) ta’limiy:***  *O’quvchilarning trigonometrik ifodalarni shakl almashtirish, ayniyatni isbotlashga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1. Ifodani soddalashtiring : sin( sin(*



*2. Ifodani soddalashtiring: .*



*3. Ifodaning shaklini almashtiring:.*



*4. Ayniyatni isbotlang: .*



*5. cos va α – III chorakda bo’lsa, sin2α va cos2α ni toping****.***



*II variant*

*1. Ifodani soddalashtiring : cos( sin(*



*2. Ifodani soddalashtiring: .*



*3. Ifodaning shaklini almashtiring:.*



*4. Ayniyatni isbotlang: .*



*5. cos va α – III chorakda bo’lsa, sin2α va cos2α ni toping****.***



*Yechimlari:*

*I variant*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\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***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Arifmetik progressiya.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiya ta’rifi, uning*

*hadlarini topish formulalarini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

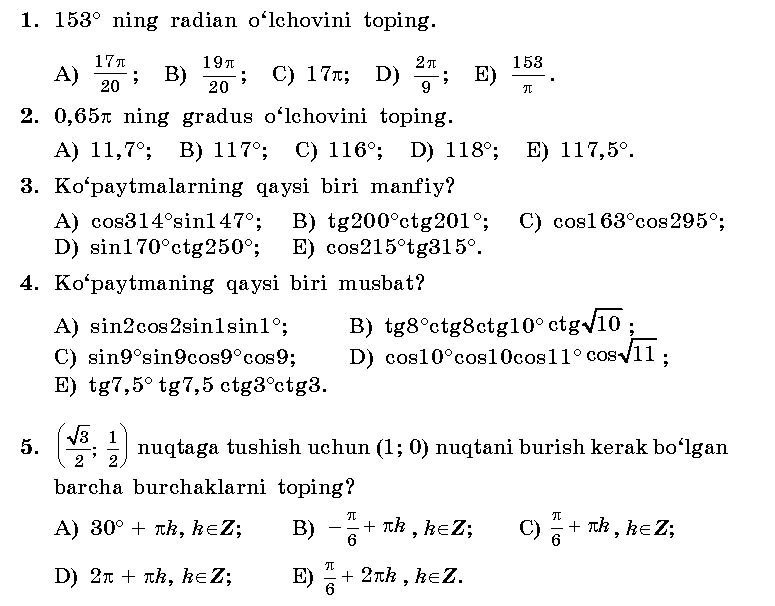
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

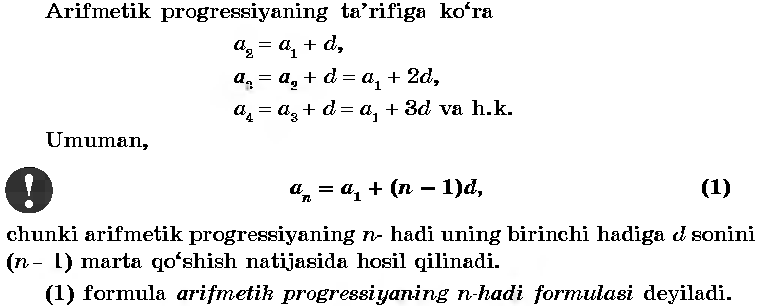
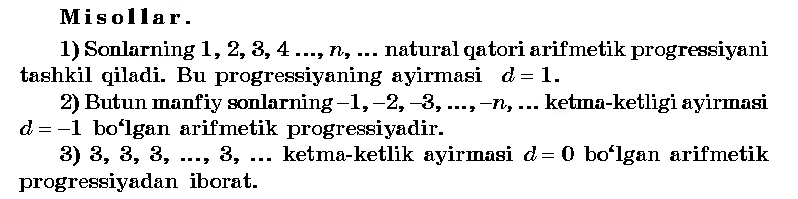
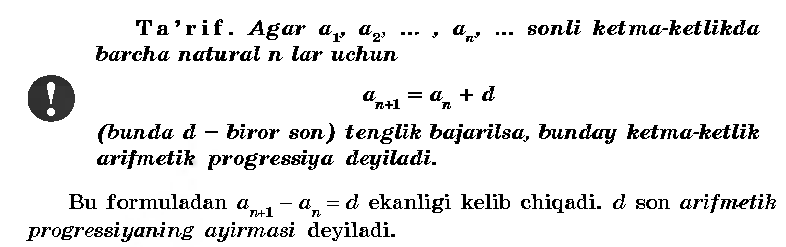
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

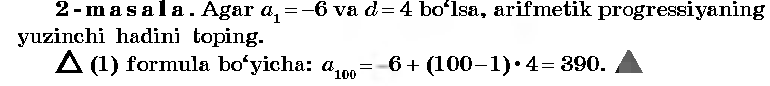
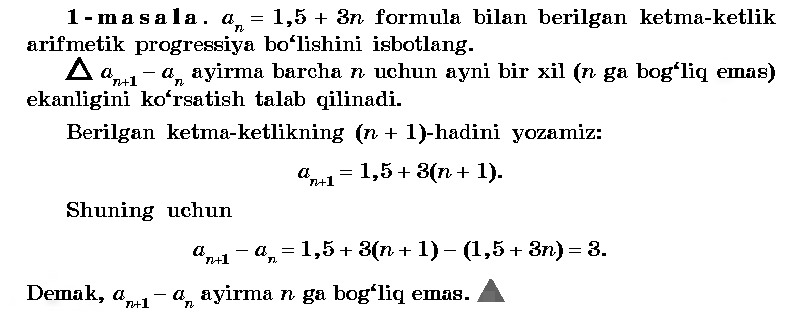


*Test kaliti: 1-A; 2-B; 3-C; 4-D; 5-E.*

1. ***Yangi mavzuning bayoni***



***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 402-403 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №404- 409.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiya ta’rifi, uning*

*hadlarini topish formulalarini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

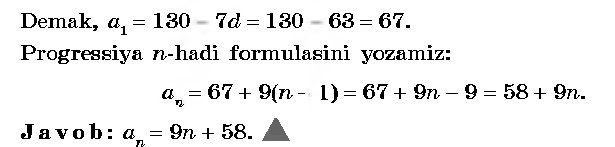
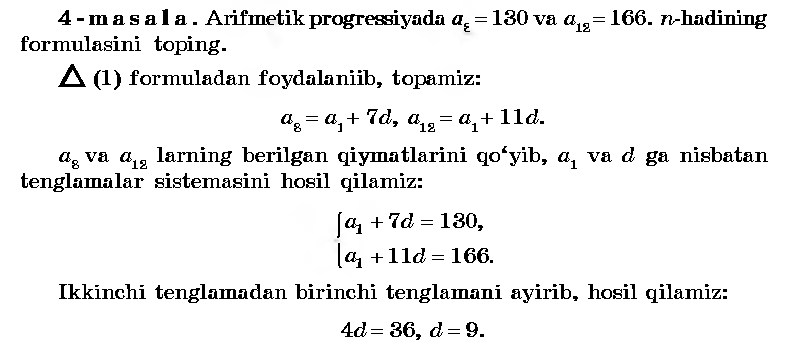
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

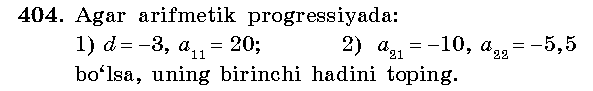
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



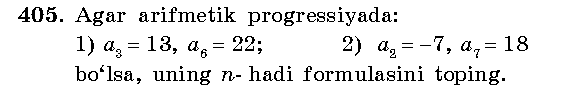
1. ***Yangi mavzuning bayoni***



***Yechish:*** *1) a11=a1+10d; a1=a11-10d= 20-10\*(-3)=50;*

*2) a22=a21+d; d=a22-a21=-5,5-(-10)=4,5;*

*a1=a21-20d=-10-20\*4,5=-100;*



*Yechish: 1)22=13+3d; 3d=9; d=3; a1=13-2d=13-2\*3=13-6=7;*

*an=a1+(n-1)d=7+(n-1)\*3=3n+4; J: an=3n+4.*

*2) 18=-7+5d; 5d=18+7=25; d=5; a1=-7-d=-7-5=-12;*

*an=a1+(n-1)d=-12+(n-1)\*5=5n-17; J: an=5n-17.*



*Yechish: a1=15, a2=13, a3=11, . . . an<0; n-?*

*d=13-15=-2; an=a1+(n-1)d=15+(n-1)\*(-2)=17-2n;*

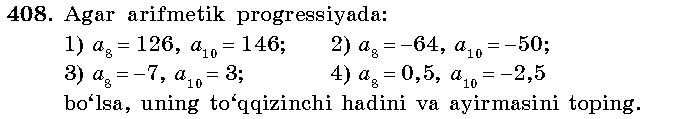
*17-2n<0; 2n>17; n>8,5 ; n=9. J: 9-hadidan boshlab.*



*Yechish: -10+(n-1)\*0,5<2; 0,5n-10,5<2; 0,5n<12,5*

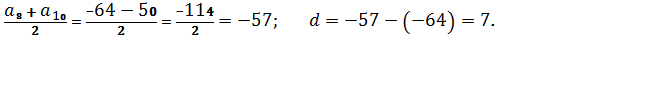
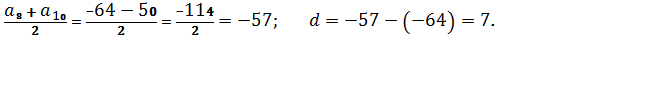
*n<12,5:0,5 ; n<25. J: n<25.*

***IV.Mustahkamlash.***

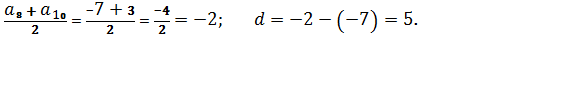
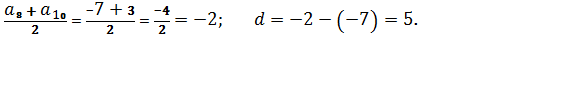


***Yechish:*** *1)a9=*

*2)a9=*



*3)a9=*



*4)a9=*

***V.Baholash.***

***VI.Uyga vazifa. 410-411 –misollar .***



Yechish: Shartga ko’ra, a7+a8= a1+6d+a1+7d=2a1+13d = 30 ,

Bundan a10+a5=a1+9d+a1+4d=2a1+13d=30 bo’ladi. J: 30.

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Arifmetik progressiyaning dastlabki n ta hadining yig’indisi.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiya ta’rifi, uning*

*hadlarini topish formulalarini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

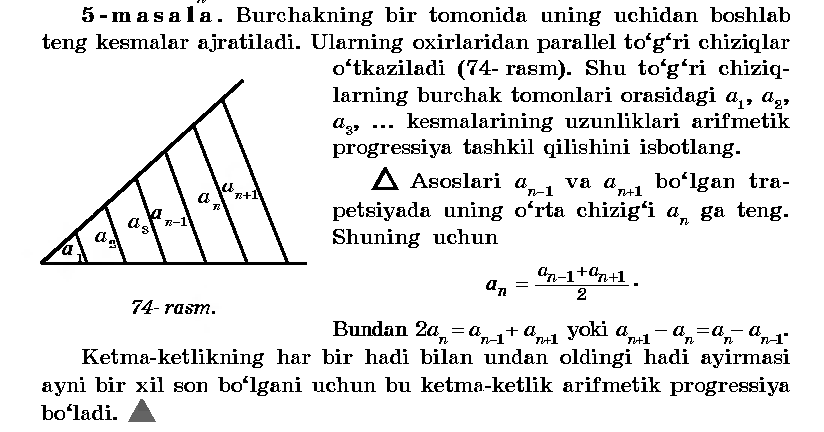
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

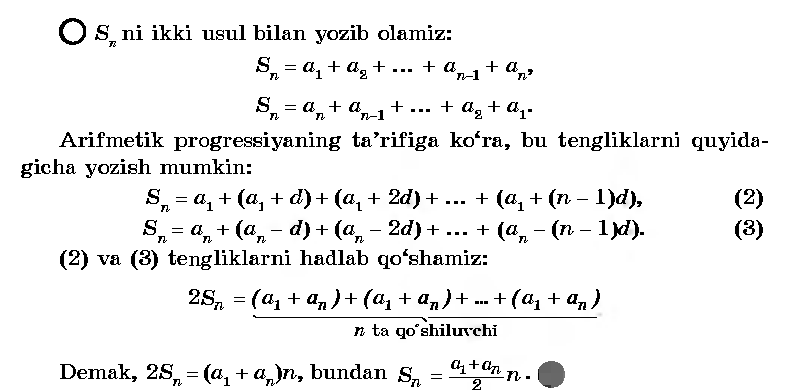
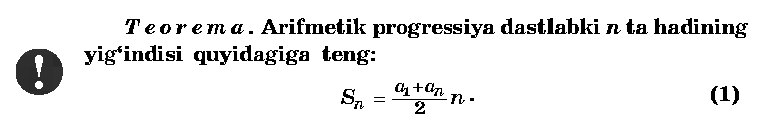
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

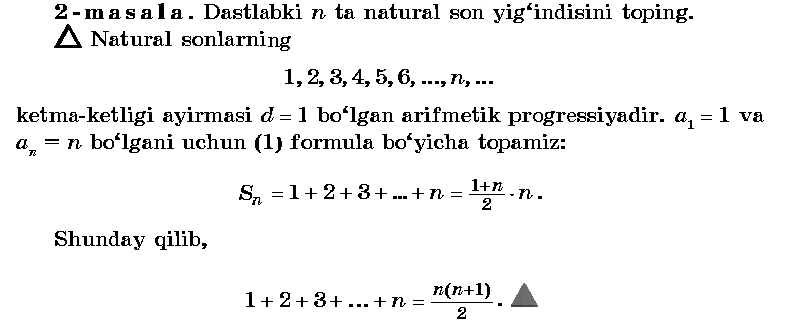
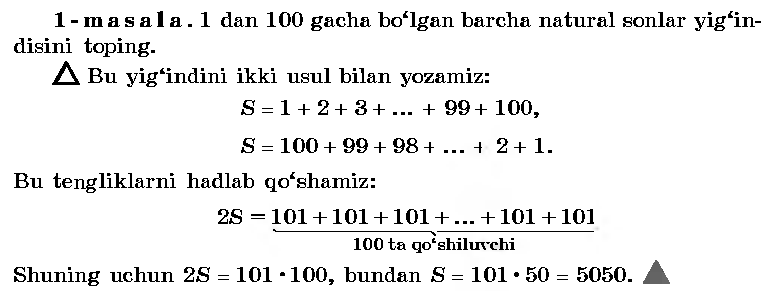
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

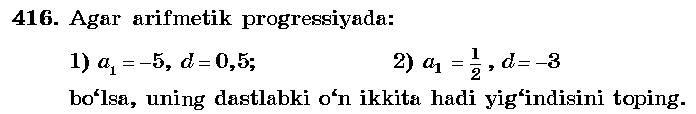


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 416 –misol .***



Yechish:1) a12= a1+11d=-5+11\*0,5 = -5+5,5=0,5 ;

S=



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №417-420.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiyaning dastlabki n ta*

*hadi yig’indisini topish formulasini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

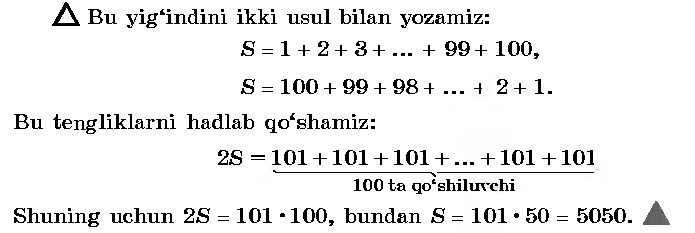
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

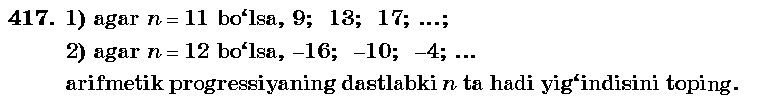
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

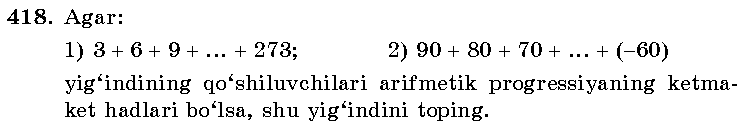


1. ***Yangi mavzuning bayoni***

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***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

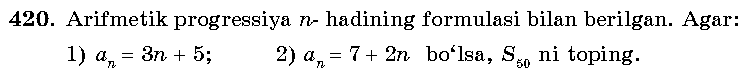


***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 421 –misol .***



Yechish:1) a1=3; d=1; an= a1+(n-1)d=3+(n-1)\*1=2+n ;

75= ; n2+5n-150=0 ; n=10.

Javob: 10 ta.

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №422-425.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiyaning dastlabki n ta*

*hadi yig’indisini topish formulasini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

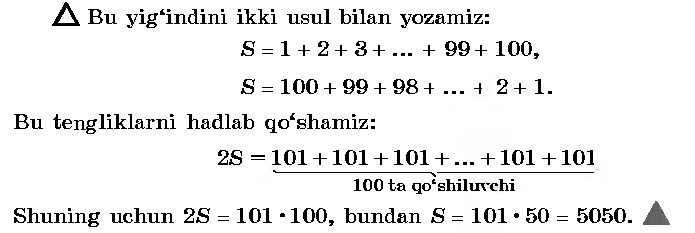
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

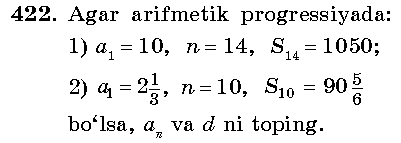
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

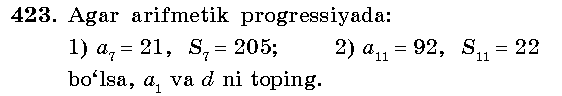


1. ***Yangi mavzuning bayoni***

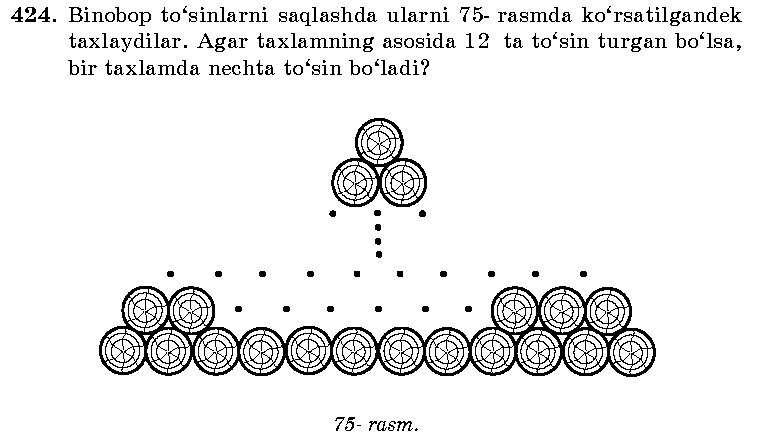
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



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***IV.Mustahkamlash.***

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***V.Baholash.***

***VI.Uyga vazifa. 426-427 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Geometrik progressiya.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga geometrik progressiya ta’rifi, uning*

*hadlarini topish formulalarini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

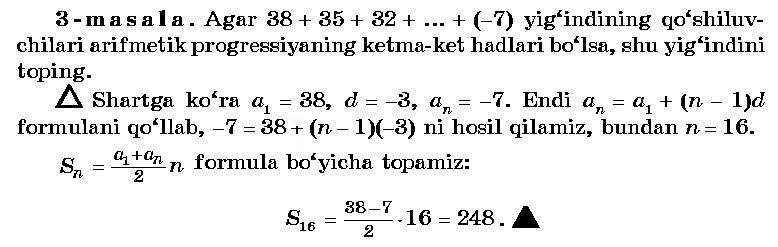
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

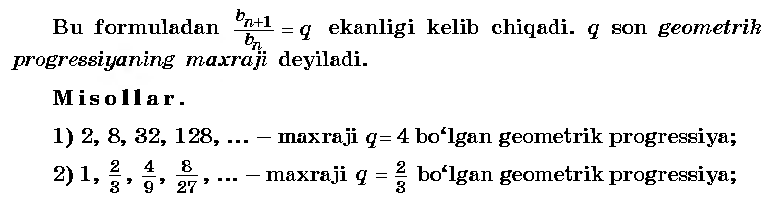
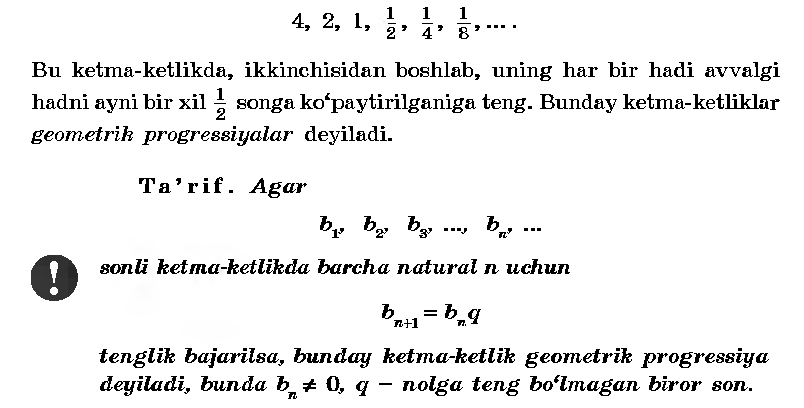
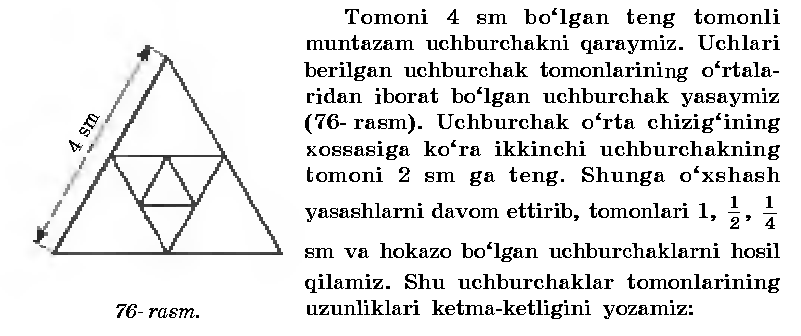
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

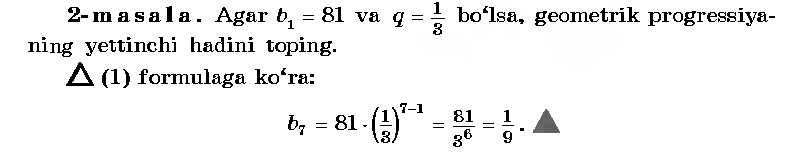
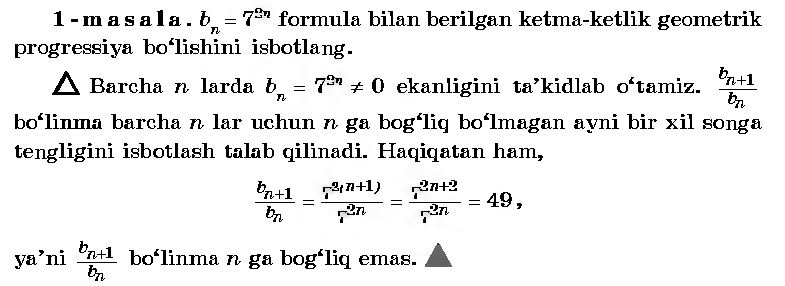
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***



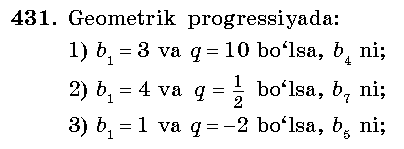
***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 431–misol .***

Yechish:1) b4= b1\*q3=3\*103 = 3000 ;



2) b7= b1\*q6=4\*6 =



3) b5= b1\*q4=1\*(-2)4 = 16.

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Geometrik progressiyaning dastlabki n ta hadi yig’indisini topish.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga geometrik progressiyaning dastlabki n ta*

*hadi yig’indisini topish formulasini o’rgatish orqali bilim, malaka va*

*ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

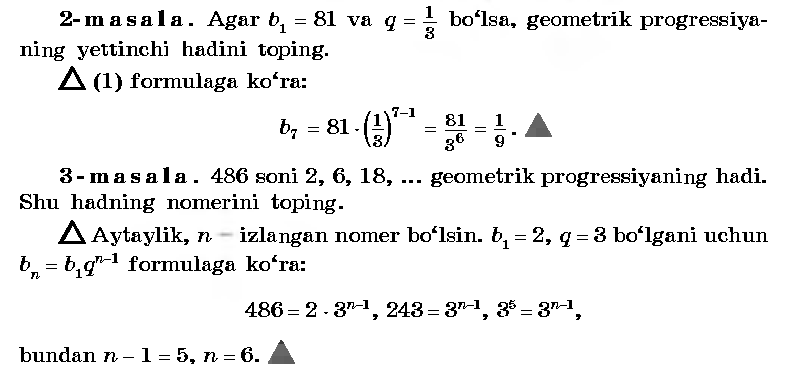
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

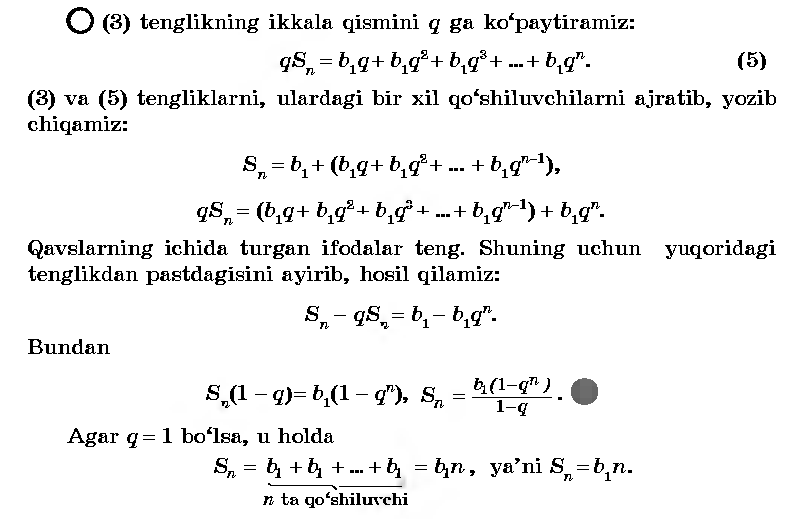
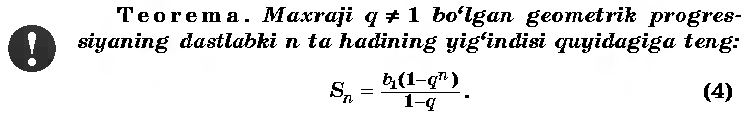
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

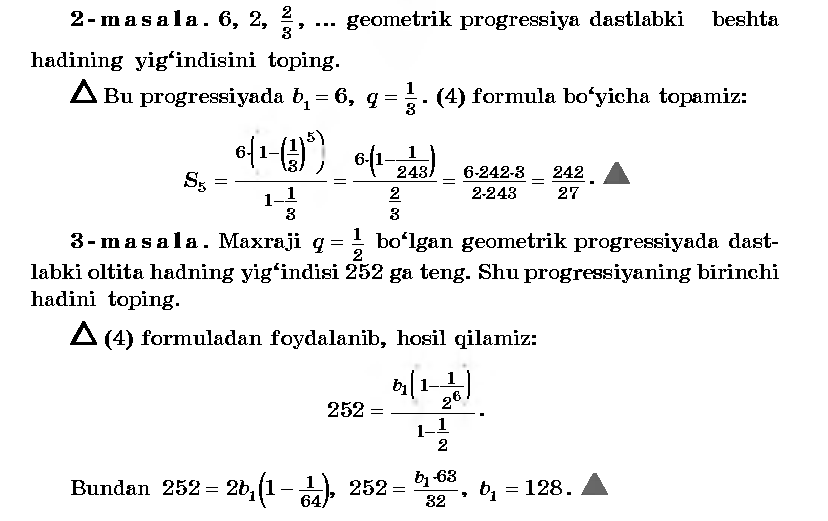
*Mustaqil ish:*



1. ***Yangi mavzuning bayoni***

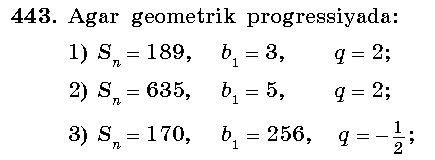


***IV.Mustahkamlash.***

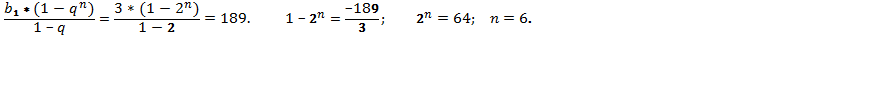
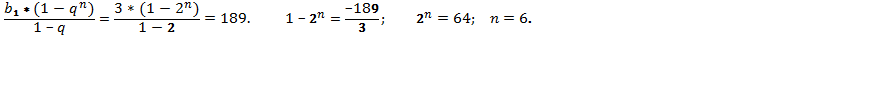


***V.Baholash.***

***VI.Uyga vazifa. 443 –misol .***



Yechish:1) S=



***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №444-445.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga geometrik progressiyaning dastlabki n ta*

*hadining yig’indisini topish formulasini puxta o’rgatish orqali bilim,*

*malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

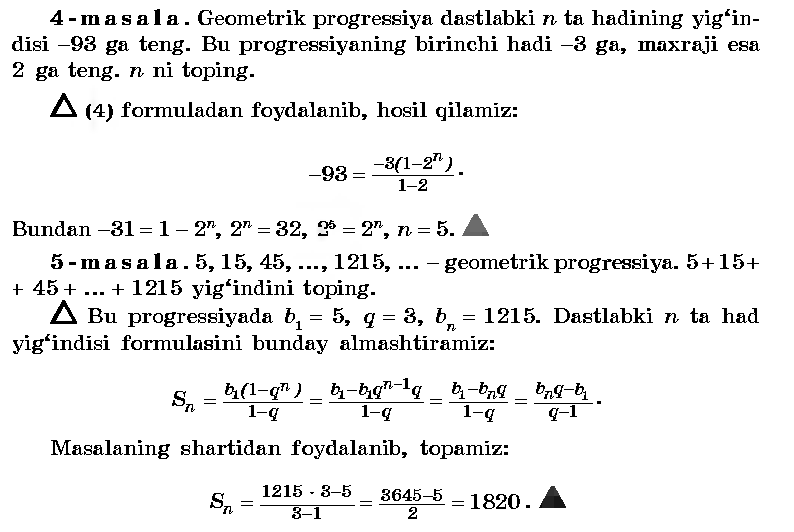
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

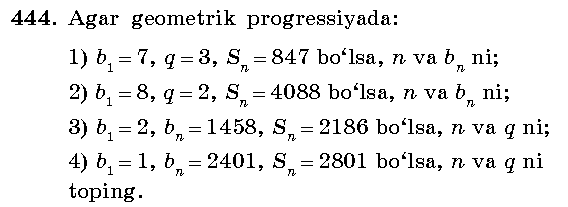
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*



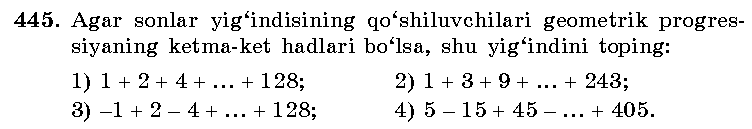
1. ***Yangi mavzuning bayoni***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***

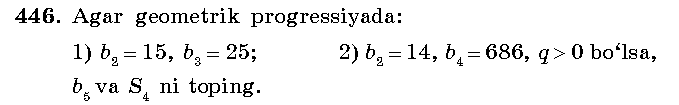
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 446 –misol .***

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***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №447-449.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga geometrik progressiyaning dastlabki n ta*

*hadining yig’indisini topish formulasini puxta o’rgatish orqali bilim,*

*malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

*Darsning borishi*

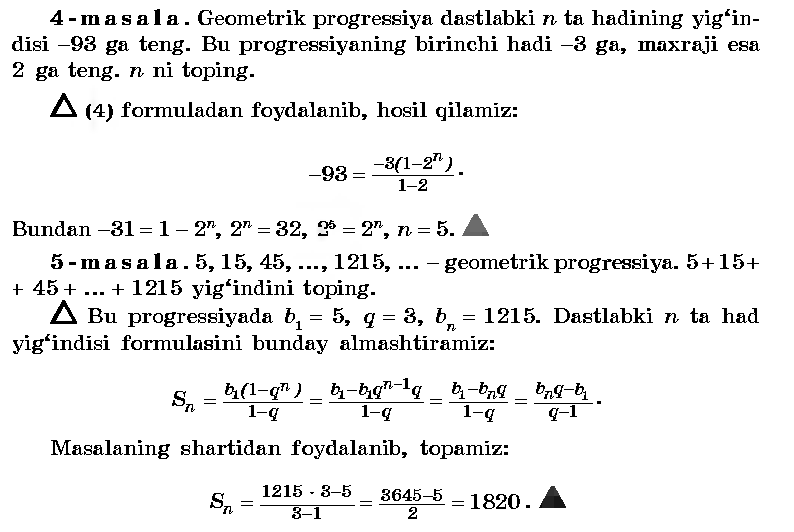
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

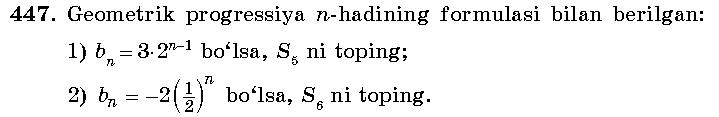
1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

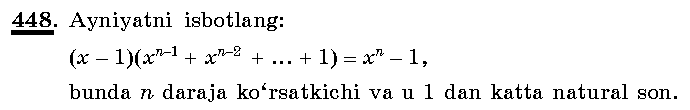
*Mustaqil ish:*



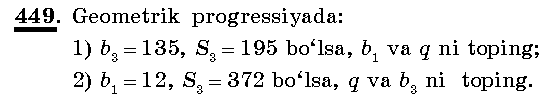
1. ***Yangi mavzuning bayoni***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***IV.Mustahkamlash.***

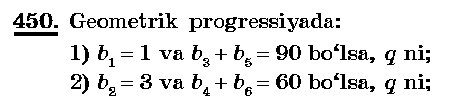


***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash.***

***VI.Uyga vazifa. 450 –misol .***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Cheksiz kamayuvchi geometrik progressiya.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga cheksiz kamayuvchi geometrik*

*progressiyaning yig’indisini topish formulasini puxta o’rgatish*

*orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Yangi bilim berish.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

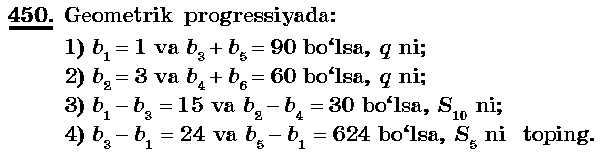
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

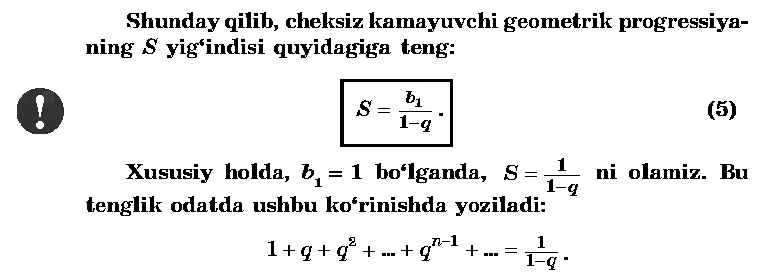
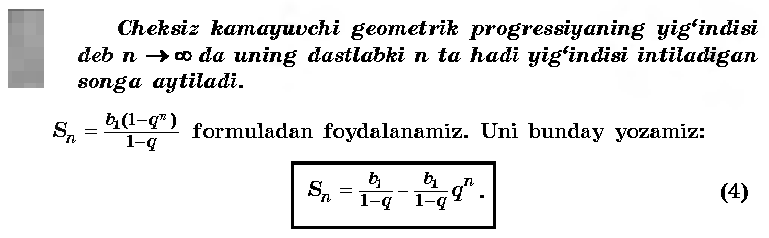
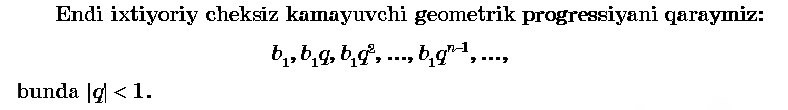
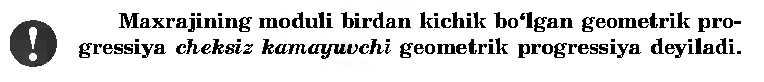
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

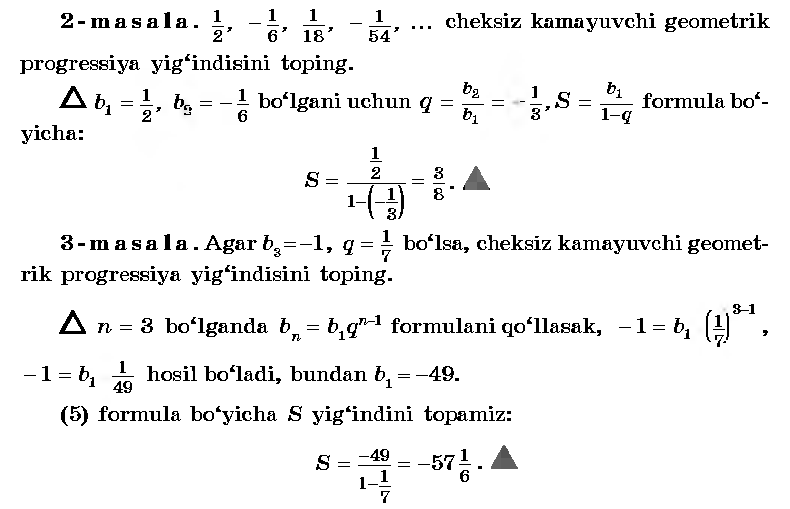


*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. ***Yangi mavzuning bayoni***

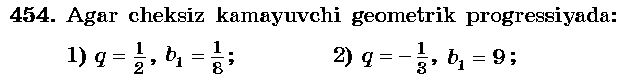


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 454 –misol .***



***Yechish: 1);***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Misollar yechish №455-459.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga cheksiz kamayuvchi geometrik*

*progressiyaning yig’indisini topish formulasini puxta o’rgatish*

*orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

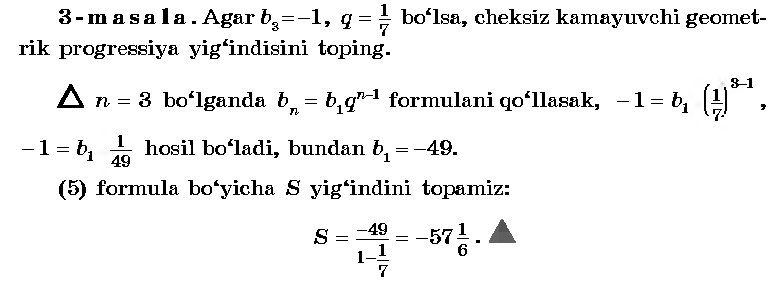
1. ***Tashkiliy qism.***

*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

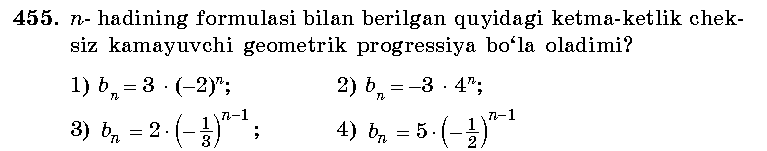
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

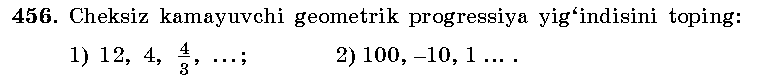


1. ***Yangi mavzuning bayoni***

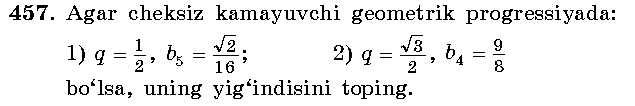
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



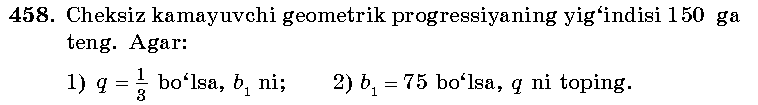
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



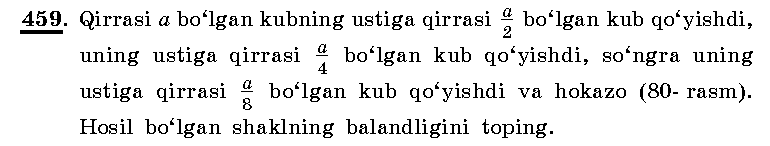
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***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 460-461 –misol .***



***Yechish: 1)0,(5); 4)***



***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Amaliy masalalarni yechish №462-469.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga arifmetik progressiyaga doir formulalarni,*

*cheksiz kamayuvchi geometrik progressiyaning yig’indisini topish*

*formulasini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil*

*qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Aralash dars.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

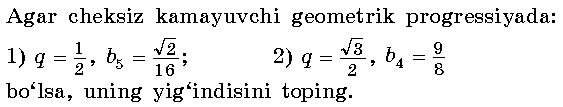
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

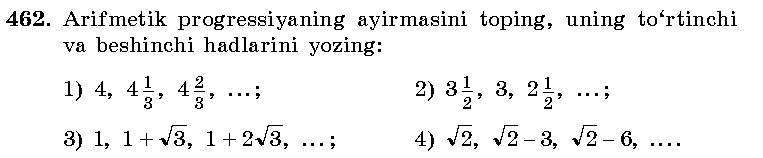
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*



1. ***Yangi mavzuning bayoni***



***Yechish:*** *1)d=4*



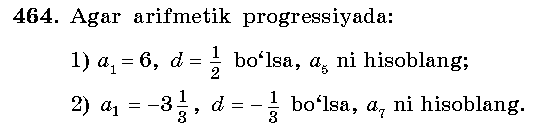
***2)****d=3-3*



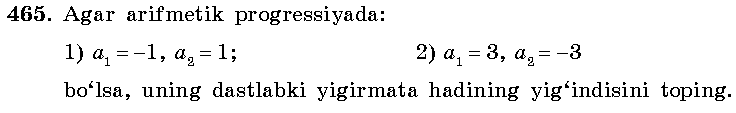
***3)****d=1+*



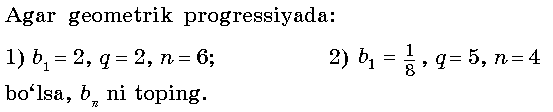
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



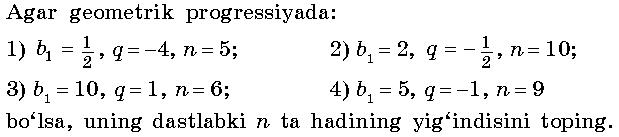
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



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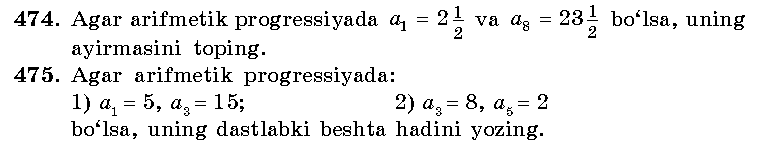


***IV.Mustahkamlash.***



***V.Baholash.***

***VI.Uyga vazifa. 474-475 –misollar .***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi .*



***Maqsad: a) ta’limiy:***  *O’quvchilarning trigonometrik ayniyatlar, arifmetik progressiya, cheksiz kamayuvchi geometrik progressiya hadlari va yig’indisini topishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

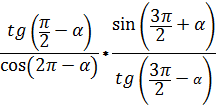
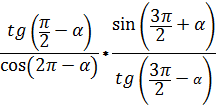
***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*

*1. Ifodani soddalashtiring :*



*2. Hisoblang: .*

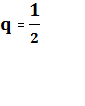
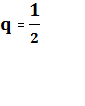


*3. Agar arifmetik progressiyada d=-3, a11=20 bo’lsa, uning birinchi hadini toping.*

*4. Cheksiz kamayuvchi geometrik prograssiyada bo’lsa, bu progressiya yig’indisini toping.*



*5. Agar (bn ) geometrik progressiyada b1=8, bo’lsa, dastlabki beshta hadlarining yig’indisini toping****.***



*II variant*

*1. Ifodani soddalashtiring : ctgα+sin2α+ctg2a\*sin2a*

*2. Hisoblang: .*



*3. Agar arifmetik progressiyada a21=-10, a22=-5,5 bo’lsa, uning birinchi hadini toping.*

*4. Cheksiz kamayuvchi geometrik prograssiyada bo’lsa, bu progressiya yig’indisini toping.*



*5. Agar (bn ) geometrik progressiyada b1=3, bo’lsa, dastlabki oltita hadlarining yig’indisini toping****.***



*Yechimlari:*

*I variant*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Nazorat ishi .*



***Maqsad: a) ta’limiy:***  *O’quvchilarning arifmetik progressiya, geometrik progressiya hadlari va yig’indisini topishga doir bilimlarini tekshirish;*

***b) tarbiyaviy:*** *Oquvchilarni shu mavzu asosida milliy istiqlol ruhida va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *o’quvchilar bilimini rivojlantirish, ko’nikma va malakasini o’stirish, fikrlash qobiliyatini riviojlantirish.*

***Dars turi****: O’quvchilar bilimini tekshirish*

***Dars uslubi*** *: Yozma ish*

***Tashkiliy qism.***

*Salomlashish. Navbatchining o’quvchilar davomati, darsga tayyorligi to’g’risidagi axborotini tinglash.*

***Darsning borishi:***

*I variant*







1. ***Arifmetik progressiyada a1=-1, d=3 bo’lsa, uning 10- hadini toping.***

***4. b1=-5, q=2 bo’lsa, uning beshinchi hadini toping.***



***5.***



*II variant*







1. ***Arifmetik progressiyada a1=-1, d=3 bo’lsa, uning 10- hadini toping.***

***4. b1=-5, q=2 bo’lsa, uning beshinchi hadini toping.***



***5.***



*Yechimlari:*

*I variant*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***UYGA VAZIFA****. Takrorlash*

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Takrorlash: Kvadrat funksiya №491-493.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga kvadrat funksiya ta’rifi, uning grafigini*

*yasashni puxta o’rgatish orqali bilim, malaka va ko’nikma hosil*

*qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Takrorlash.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

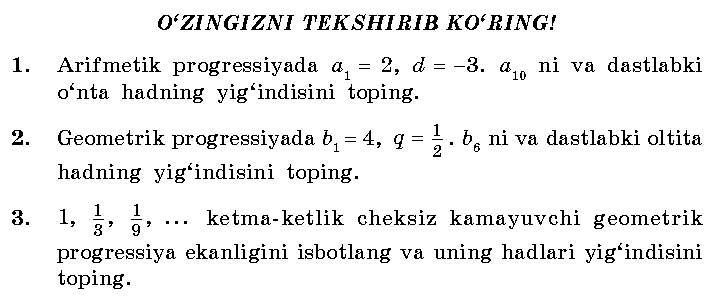
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

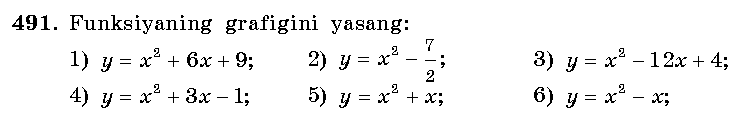
*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

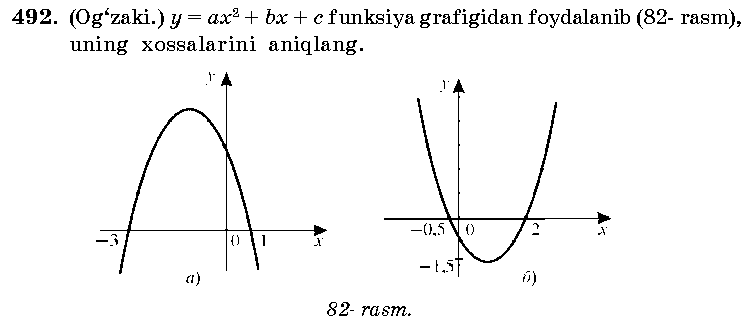


1. ***Yangi mavzuning bayoni***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

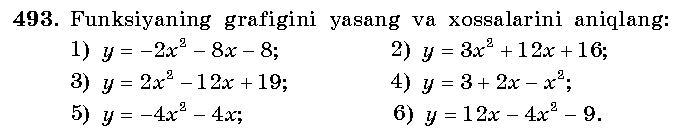


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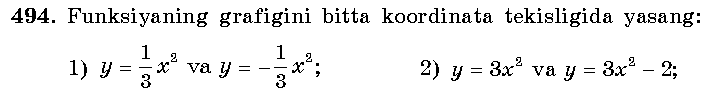
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 494 –misol .***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Takrorlash: Ratsional ko’rsatkichli daraja №491-493.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga ratsional ko’rsatkichli daraja ta’rifi, uning*

*xossalarini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil*

*qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Takrorlash.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

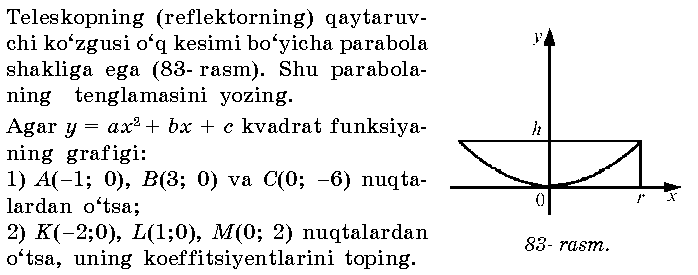
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

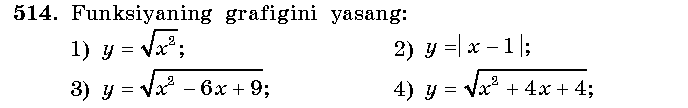
*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

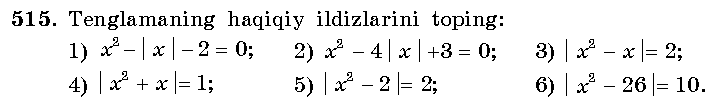


1. ***Yangi mavzuning bayoni***

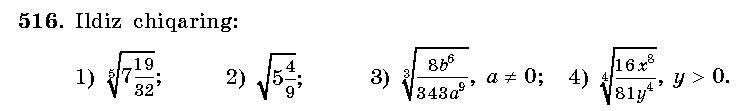
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

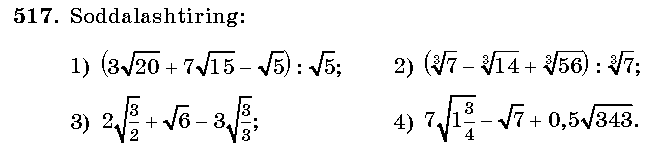


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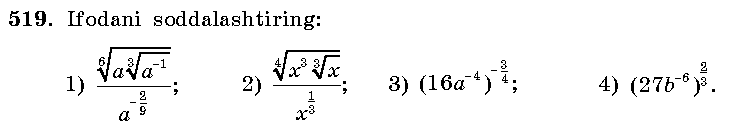
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 519-520 –misollar .***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Takrorlash: Trigonometriya elementlari №530-534.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga trigonometriya elementlari, uning*

*xossalarini puxta o’rgatish orqali bilim, malaka va ko’nikma hosil*

*qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Takrorlash.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

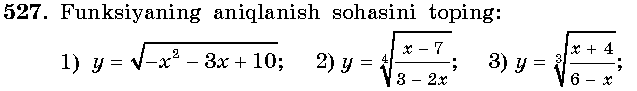
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

*Uyga vazifalarni tekshirish.*

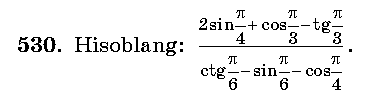
*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

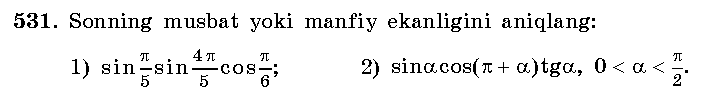


1. ***Yangi mavzuning bayoni***

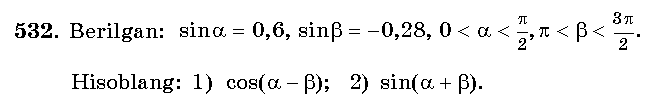
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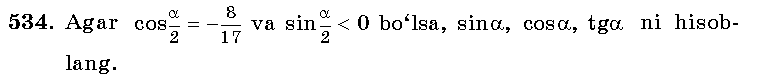


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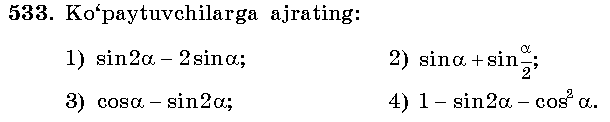
***IV.Mustahkamlash.***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



***V.Baholash.***

***VI.Uyga vazifa. 533 –misol .***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Takrorlash: Progressiya №535-541.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga progressiyalar, ularning dastlabki n ta*

*hadi yig’indisini topish formulasini puxta o’rgatish orqali bilim,*

*malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Takrorlash.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

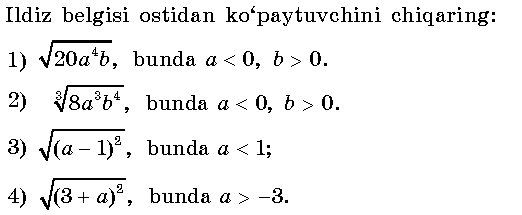
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

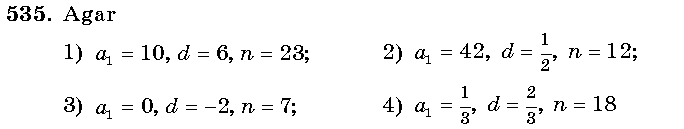
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*



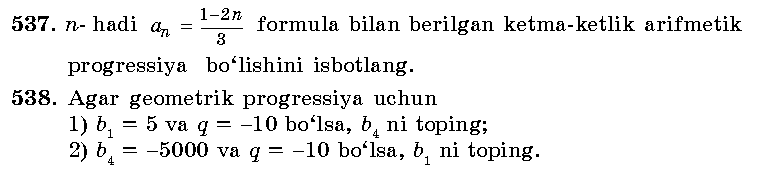
1. ***Yangi mavzuning bayoni***



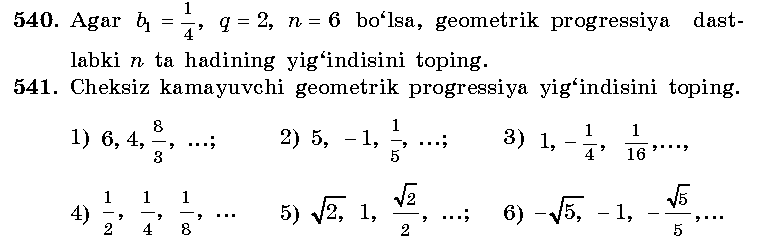
***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***



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***IV.Mustahkamlash.***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***V.Baholash.***

***VI.Uyga vazifa. 542-543 –misollar .***

***Sana:***

***Sinf:*** *9-sinf*

***Fan****: Algebra*

***Mavzu:*** *Takrorlash: Yakunlovchi dars №593-616.*

***Maqsad: a) ta’limiy:***  *O’quvchilarga algebraic kasrlar va ularni qisqartirish,*

*tenglamalar va tenglamalar sistemasini yechishni puxta o’rgatish*

*orqali bilim, malaka va ko’nikma hosil qilish;*

***b) tarbiyaviy:*** *O’quvchilarni shu mavzu asosida milliy g’oya ruhida*

*va o’zaro hurmat ruhida tarbiyalash;*

***c) rivojlantiruvchi:*** *O’quvchilar bilimini rivojlantirish, ko’nikma va*

*malakasini o’stirish, dunyoqarashi va fikrlash qobiliyatini*

*riviojlantirish.*

***Dars turi****: Takrorlash.*

***Dars uslubi*** *: Savol- javob*

***Dars jihozi:*** *ko’rgazma, darslik, tarqatmalar.*

1. ***Tashkiliy qism.***

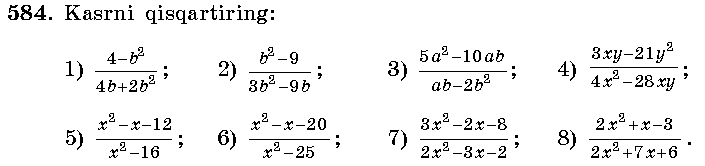
*Salomlashish. Navbatchi o’quvchining o’quvchilar davomati, ob-havo, o’quvchilarning darsga tayyorligi to’g’risidagi axborotini tinglash.*

1. ***O’tilgan mavzuni so’rash***

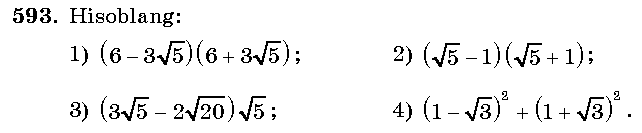
*Uyga vazifalarni tekshirish.*

*Mustaqil ish:*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

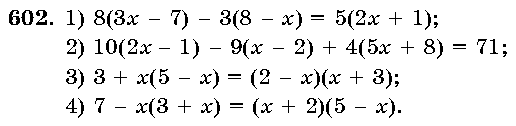


1. ***Yangi mavzuning bayoni***

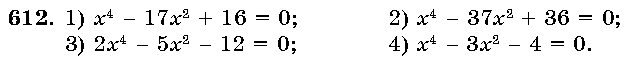


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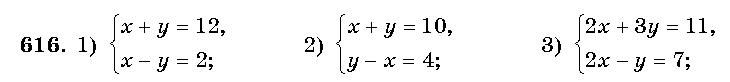


***IV.Mustahkamlash.***



***Yechish: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



***V.Baholash.***

***VI.Uyga vazifa. Takrorlash.***