**10-sinf Matematika IV-Chorak**

**1-variant**

1. Hisoblang 

А) 15 B) 14 C) 13 D) 9

2. Soddalashtiring 

А) 3х-1 B) 3х C) 1-3х D)3х+3

3. Soddalashtiring 

А)b-2a B) 2a-b C) 2a+b D) a-b

4.Tenglamani yeching 

А) у =3 B) у = -1 C) у = 1 D) у =-3

5.Soddalashtiring

А)  B)  C)  D) 

6.Tekislikdan 12 sm uzoqlikda turgan A nuqta orqali bu tekishlikka uzunligi 37 smga teng bolgan AB ogma otkazilgan. AB ogmaning tekislikdagi proyeksiyasini toping.

J:

7. a tomonli kvadratning diagonallari kesishish nuqtasi - O nuqta. OA=b-kvadrat tekisligining perpendikulyar kesmasidir. A nuqtadan kvadratning uchigacha bolgan masofani toping.

А)  B) 

C)  D) 



8.Hisoblang

А) -2 B) 25 C) -5 D) 1

9.Hisoblang agar

А)  B) C) 81 D) 49

10. Hisoblang 

А) B)  C)  D) -

11 Funksiyaning aniqlanish sohasini toping 

12. Tenglamani yeching 

13. Tenglamani yeching 

14. Tenglamani yeching 

15. Tenglamani yeching 

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S | 1 | 2 | 3 | 4 | 5 | 6 |
| J | B | B | B | B | D | 35 |
| S | 10 | 11 | 12 | 13 | 14 | 15 |
| J | A |  | (-2;6) | eчим йŷķ | -1;3 | х =2,5 |

**10-sinf Matematika IV-Chorak**

**2-variant**

1. Hisoblang 

А) 15 B) 14 C) 13 D) 9

2. Soddalashtiring 

А) 3х-1 B) 3х C) 1-3х D)3х+3

3. Soddalashtiring 

А)b-2a B) 2a-b C) 2a+b D) a-b

4.Tenglamani yeching 

А) у =3 B) у = -1 C) у = 1 D) у =-3

5.Soddalashtiring

6.  ifoda quyidagilardan qaysi biriga teng?

A)  B) C)  D) 

7. Hisoblang , agar  и 

А) 39 B) 38 C) 121 D) 272

8.Kasrni qisqartiring 

А)  B) C) D) 

9. Funksiyaning aniqlanish sohasini toping 

А)  B) C) D) 

10. , b= va c=  sonlarni o’sish tartibida joylashtiring.

А) a<b<c B) c<b<a C) a<c<b D) b<a<c

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| J | B | A | B | B | D | D | A\_ | A | A | C | 39 | 9 | 2 | 1 | 33 |

11. Hisoblang , agar  и 

А) 39 B) 38 C) 121 D) 272

12.Qanday eng kichik butun son  tengsizlikni qanoatlantiradi ?

13. Tenglamani yeching 

J:

14. Hisoblang 

J:

15. To’g’ri burchakli uchburchakning bir kateti 15sm va gipotenuzasi 25sm bo’lsa ikkinchi katetidan 13 marta katta kesma uzunligini toping.

A)20sm B)26 C)260sm D)390sm