8-sinf MATEMATIKA. I-chorak . II - variant

1. funksiya grafigi M(-1;7) nuqtada o’tadi. ni toping?

A)9 B) 5 C) -2 D) -4 E) 2

2. funksiya grafigi M(0;-1) N (1;-5) nuqtalardan o’tadi. ni to’ping?

A) k=2, b=3 B) k=3,b=2 C) k=-4,b=-1 D) k=2,b=-3 E) k=-3,b=-2

3. To’g’ri chiziq kordinatalari boshidan va M(-2;5) nuqtadan o’tadi. Shu to’g’ri chiziq quydagi funksiyalardan qaysi birining grafigi bo’ladi?

1) 2)  3)  4)  5) ?

A) 2,3 B) 3,4 C) 4,5 D) 2 E) 1

4.MNPQ to’g’ri to’rtburchak uchta uchining kordinatorlari berilgan:

M (0;0), N (0;2) P (3;2).Q uchining kordinatalarini toping?

A) (3;0) B) (0;3) C) (2;3) D) (2;0) E) (-3;0)

5. .MNPQ kvadrat uchlarining kordinatorlari berilgan: M (0;0), N (0;1) P (1;1) Q (1;0)uning diagnollarikesishish nuqtasining kordinatorlarini toping?

A) () B) () С) () В) () E) ()

6. Quyidagi nuqtalarning qaysilari  funksiya grafigiga tegishli :

1) (0;7) 2) (1;11) 3)(-1;4) 4) (-2;1) 5) (-3;2) 6) (2;10)

A) 1,2,5, B) 2,4,6, C) 1,3,4, D) 3,4,6, E) 4,5,6,

7. Quyidagi nuqtalarning qaysilari  funksiya grafigiga tegishli emas;

1) (1;-3) 2) (0;5) 3) (2;3) 4) (3;-1) 5) (-1;6) 6) (-2;9)

A) 1,2,5, B) 2,4,6, C) 1,2,4, D) 1`,3,5, E) 4,5,6,

8.  funksiyaning grafigi qaysi chorakda yotadi?

A) I, II,III B) I,III,IV C) I,II,IV D) II,III E) II,III,IV

9. funksiya grafigi M(1;1) nuqtada o’tadi. ni toping?

A) 3- B) 3 C) -2 D) -4 E) 2

10. M (0;7) va N (;0) nutlardan o`tuvchi to`gri chiziq tenglamasini yozing.

A)  B)  C)  D)  E)

11. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

12. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

13. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

14. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

15. () sonlar juftligi  sistemaning yechimi bo`lsa,  ni aniqlang.

A. 6 B. -4 C. 5 D. -5

16. () sonlar juftligi  sistemaning yechimi bo`lsa,  ni aniqlang.

A. 3 B. 2 C. 1 D.-1

17. () sonlar juftligi  sistemaning yechimi bo`lsa,  ni aniqlang.

A. 0 B. 1 C. 2 D.-1

18. () sonlar juftligi  sistemaning yechimi bo`lsa,  ni aniqlang.

A. 12 B. 9 C. 13 D. 15

19.funksiya grafigida kordinatorlari yig’indisi 15 ga teng nuqtani toping

A) (3;15) B) (-3;18) C) (-4;19) D) (-2;17) E) (unday nuqta yo’q)

20.  ning qanday qiymatida  funksiyaning qiymati 1 ga teng bo’ladi

A)  B)  C)  D)  E) 

21. k va b ning qanday qiymatlarida  to’g’ri chiziq grafigi nuqta;lardan o’tadi

A) k=2, b=3 B) k=3,b=2 C) k=-4,b=-1 D)  E) 

22. Funksiyadan qaysinisining grafigi M (1;1) , N ()nuqtalardan o’tadi.

1)  2)  3)  4)  5)

A) 1 B) 2 C) 2,3 D) 1,4 E) 3

23. funksiya grafigining koordinata o`lari bilan kesishish nuqtalari koordinatlarini toping:

A. (0;-5) va () B. (0;-5) va () C. (0; 5) va ()

D. (0;5) va () E. (0;-5) va ()

24.To’g’ri chiziq M(0;-5) va N (1;-2) nuqtalardan o’tadi. Shu to’g’ri chiziq tenglamasi (formulasini) yozing.

A)  B)  C)  D)  E)

25. funksiya grafigida kordinatalari o’zaro tengn bo’Lgan nuqtani toping.

A) () B) () С) () В) () E) ()

 8-sinf. MATEMATIKA. II -chorak . II - variant

1. Daryo bo`yidagi ikki qishloq orasidagi masofa 90 km ga teng. Kater bu masofani daryo oqimi bo`yicha 3 soat-u 45 minutda, oqimga qarshi esa 5 soatda o`tadi. Katerning va daryo oqimining tezligini toping.

 A. 24 km/soat, 3 km/soat B. 18 km/soat, 4 km/soat C. 21 km/soat, 3 km/soat

 D. 22 km/soat, 5 km/soat

 2. Tengsizlikni yeching: 5(x-3)+2x<4x+3

 A. x<-6 B. x<6 C. x>6 D.x>-6

3. Tengsizlikni yeching: 4(x-1)+5(x+1)<6(x+2)+7(x-1)

 A. x<-1 B. x>-1 C. x>1 D.x<-6

4. Tengsizlikni yeching: 

 A. x>0,1 B. x>-0,1 C. x>1 D.x<-1

5.  tengsizlikning yechimi bo`ladigan eng katta butun sonni toping.

A. x=3 B. x=-5 C. x=-3 D.x=5

6. () sonlar juftligi  sistemaning yechimi bo`lsa,  ni aniqlang.

A. 6 B. -4 C. 5 D. -5

7. a ning qanday qiymatlarida  tenglamalar sistemasi yechimga ega bo`lmaydi.

A. 0 B. 1 C. 2 D.-6

8. Ikki xonali sonning raqamlari yig`indisi 9 ga teng. Shu raqamlar bilan teskari tartibda yozilgan son berilgan sondan 27 ta ortiq. Berilgan sonni toping.

A. 72 B. 36 C. 20 D.26

9. Kitob va daftar birgalikda 1100 so`m turadi. Kitob narxining 5% i daftar narxining 10% idan 25 so`m qimmat. Kitob va daftar alohida-alohida qancha turadi.

A. 750 so`m, 350 so`m B. 800 so`m, 300 so`m C. 900 so`m, 200 so`m

D. 950 so`m, 150 so`m

10. 4 ga bo`lganda 3 qoldiq, 10 ga bo`lganda 1 qoldiq chiqadigan va ikkinchi bo`linma birinchi bo`linmadan 13 ta kam bo`ladigan natural sonni toping.

A. 87 B. 91 C. 95 D.81

11.  tengsizlikning yechimi bo`ladigan eng kichik butun sonni toping.

A. x=2 B. x=-1 C. x=-2 D.x=1

12. x ning qanday qiymatlarida  kasr  va  kasrlar yig`indisidan kichik bo`ladi?

A. x<3,3 B. x<-3,3 C. x>3,3 D.x>-3,3

13. x ning qanday qiymatlarida  va  kasrlar ayirmasi  kasrdan katta bo`ladi?

A. x<- B. x< C. x> D.x>-

14. Tengsizliklar sistemasini yeching: 

A. x<-3 B. x<3 C. x>3 D.x>-3

 15. Tengsizliklar sistemasini yeching: 

A. B.  C.  D. 

 16. Tengsizlikni yeching: 

A.  B.  C.  D. 

17. Tengsizlikni yeching: 

A.  B.  C.  D. 

18. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

19. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

20.  ning qanday qiymatida  funksiyaning qiymati 1 ga teng bo’ladi

A)  B)  C)  D)  E) 

21.  funksiyaning grafigi qaysi chorakda yotadi?

A) I, II,III B) I,III,IV C) I,II,IV D) II,III E) II,III,IV

22. Tengsizliklar sistemasini yeching: 

A.  B.  C.  D. 

 23. Tengsizliklar sistemasining yechimi bo`ladigan eng kichik butun sonni toping: 

A. x=7 B. x=-7 C. x=-6 D.x=6

24. Tengsizliklar sistemasining yechimi bo`ladigan eng kichik butun sonni toping: 

A. x=-2 B. x=-1 C. x=1 D.x=3

25. Tengsizlikni yeching: 

A.  B.  C.  D. 

8-sinf. MATEMATIKA. III –chorak. II - variant

1. Xonaning uzunligi  m gat eng. Olchamning nisbiy xatoligini aniqlang.

 A. 0,5% B. 0, 2% C. 0,54% D. 0,4%

 2. Ikki qishloq orasidagi masofa  km gat eng. Olchamning nisbiy xatoligini aniqlang

A. 5% B. 2% C. 1% D. 4%

3. Sonni yuzdan birgacha yaxlitlang. Yaxlitlashning nisbiy xatoligini toping: 5,7635

A. 5,76; 0,8% B. 5,76; 0,06% C. 5,76; 0,08% D. 5,76; 0,6%

4. . Sonni yuzdan birgacha yaxlitlang. Yaxlitlashning nisbiy xatoligini toping: 2,2941

A. 2,3; 2,6% B. 2,03; 2,06% C. 2,3; 0,26% D. 2,03; 2,6%

5. Sonni standart shaklda yozing: 234,087

A. B.  C.  D. 

6. Sonni standart shaklda yozing: 0,00000078

A. B.  C.  D. 

7. Hisoblang: 

A. 53 B. 30 C. 48 D. 18

8. Hisoblang: 

A. 10 B. 3 C. 4 D. 8

9. Ifodani soddlashtiring: 

A. B.  C. 6 D. 12

10. Sonning aniq qiymati 1,483 , taribiy qiymati 1,48 bo`lsa, yaqinlashish xatoligini toping.

 A. 0,003 B. 0,435 C. 1,335 D. 0,445

11. Sonning aniq qiymati , taqribiy qiymati  bo`lsa, yaqinlashish xatoligini toping.

A. B.  C.  D. 

12. Qo`sh tengsizlik ko`rinishida yozing: 

A.  B.  C.  D. 

13. Qo`sh tengsizlik ko`rinishida yozing: 

A.  B.  C.  D. 

14.  ni 0,01 gacha aniqlikda o`nli kasr ko`rinishida yozing.

A. 0,53 B. 0, 25 C. 0,54 D. 0,55

15.  ni 0,001 gacha aniqlikda o`nli kasr ko`rinishida yozing.

A. 0,357 B. 0, 353 C. 0,456 D. 0,352

16. Ifodani soddlashtiring: 

A. B. 2 C. 3 D. 4

17. Tenglamani yeching: 

A. ø B. x=7 C. x=8 D. x=9

18. Hisoblang: 

A.1 B. -1 C. 10 D. 2

19. Ikki sonning yig`indisi  ga, ularning ayirmasi esa  ga teng. Shu sonlarning ko`paytmasi nechaga teng.

A.1 B. -1 C. 10 D. 2

20. Hisoblang: 

A.7+2 B. 7-2 C. 4 D. 4

21. Hisoblang: 

A.  B.  C. 5 D. 

22. Hisoblang: 

A. 2,1 B. 210 C. 21 D. 0,21

23. Ifodani soddlashtiring: 

A.-10 B. 10 C. 10 D. 12

24. Ifodani soddlashtiring: 

A.  B.  C.  D. 

25. Tenglamani yeching: 

A. B.  C.  D. 

8-sinf. MATEMATIKA. IV –chorak. II - variant

1. Tenglamani yeching: 

A.  B. - C. D. 11

2. Tenglamani yeching: 3

A.  B. x=4 C. x=-4 D. 

3. Tenglamani yeching: 

A.  B. x=5 C.  D. 

4. Tenglamani yeching: 

A.  B. x=3 C.  D. -

5. Kvadrat tenglamani yeching: 

A.  B.  C.  D. 

6. Kvadrat tenglamani yeching: 

A.  B. ø C.  D. 

7. Kvadrat tenglamani yeching: 

A.  B. ø C.  D. 

8. Kvadrat tenglamani yeching: 

A.  B. ø C.  D. 

9. Kvadrat tenglamani yeching: 

A.  B.  C.  D. 

10. Kvadrat tenglamani yeching: 

A.  B.  C.  D. 

11. Hisoblang: 

A.  B. 3 C. 3 D. 4

12. Soddlashtiring: 

A. 4 B.  C. 10 D. 4

13. Kasrni qisqartiring: 

A. -3 B. +3 C. -6 D. +6

14. Soddlashtiring: , 

A. 2 B. 2 C. 10 D. 17

15. Tenglamani yeching: 

A.  B. x=8 C. x=-8 D. 

16. Ikki soning ayirmasi 3 ga, ularning ko`paytmasi 28 ga teng. Shu sonlarni toping.

A. 7 va 4 B. 5 va 2 C. 7 va 14 D. 17 va 14

17. Hisoblang: 

A.1 B. -1 C. 10 D. 2

18. Tenglamani yeching: 

A. x=5 B. C. x=-5 D. 

19. Tenglamani yeching: 

A.  B. x=12 C. x=-12 D. 

20. Tenglamani yeching: 

A. x=-25 B. x=25 C.  D. 

21. Ifodani soddlashtiring: 

A.  B.  C.  D. 

22. Tenglamani yeching: 

A.  B.  C.  D. 

23. . Tenglamani yeching: 

A.  B.  C.  D. 

24. Tenglmalar sistemasini yeching. 

A.  B.  C.  D.(1;4) va (4;1)

25. Tenglmalar sistemasini yeching. 

A.  B.  C.  D. 

8-sinf. MATEMATIKA. YILLIK. II - variant

1. funksiya grafigi M(-1;7) nuqtada o’tadi. ni toping?

A)9 B) 5 C) -2 D) -4 E) 2

2. funksiya grafigi M(0;-1) N (1;-5) nuqtalardan o’tadi. ni to’ping?

A) k=2, b=3 B) k=3,b=2 C) k=-4,b=-1 D) k=2,b=-3 E) k=-3,b=-2

3. To’g’ri chiziq kordinatalari boshidan va M(-2;5) nuqtadan o’tadi. Shu to’g’ri chiziq quydagi funksiyalardan qaysi birining grafigi bo’ladi?

1) 2)  3)  4)  5) ?

A) 2,3 B) 3,4 C) 4,5 D) 2 E) 1

4.MNPQ to’g’ri to’rtburchak uchta uchining kordinatorlari berilgan:

M (0;0), N (0;2) P (3;2).Q uchining kordinatalarini toping?

A) (3;0) B) (0;3) C) (2;3) D) (2;0) E) (-3;0)

5. .MNPQ kvadrat uchlarining kordinatorlari berilgan: M (0;0), N (0;1) P (1;1) Q (1;0)uning diagnollarikesishish nuqtasining kordinatorlarini toping?

A) () B) () С) () В) () E) ()

6. Quyidagi nuqtalarning qaysilari  funksiya grafigiga tegishli :

1) (0;7) 2) (1;11) 3)(-1;4) 4) (-2;1) 5) (-3;2) 6) (2;10)

A) 1,2,5, B) 2,4,6, C) 1,3,4, D) 3,4,6, E) 4,5,6,

7. Quyidagi nuqtalarning qaysilari  funksiya grafigiga tegishli emas;

1) (1;-3) 2) (0;5) 3) (2;3) 4) (3;-1) 5) (-1;6) 6) (-2;9)

A) 1,2,5, B) 2,4,6, C) 1,2,4, D) 1`,3,5, E) 4,5,6,

8. Ikki xonali sonning raqamlari yig`indisi 9 ga teng. Shu raqamlar bilan teskari tartibda yozilgan son berilgan sondan 27 ta ortiq. Berilgan sonni toping.

A. 72 B. 36 C. 20 D.26

9. Kitob va daftar birgalikda 1100 so`m turadi. Kitob narxining 5% i daftar narxining 10% idan 25 so`m qimmat. Kitob va daftar alohida-alohida qancha turadi.

A. 750 so`m, 350 so`m B. 800 so`m, 300 so`m C. 900 so`m, 200 so`m

D. 950 so`m, 150 so`m

10. 4 ga bo`lganda 3 qoldiq, 10 ga bo`lganda 1 qoldiq chiqadigan va ikkinchi bo`linma birinchi bo`linmadan 13 ta kam bo`ladigan natural sonni toping.

A. 87 B. 91 C. 95 D.81

11.  tengsizlikning yechimi bo`ladigan eng kichik butun sonni toping.

A. x=2 B. x=-1 C. x=-2 D.x=1

12. x ning qanday qiymatlarida  kasr  va  kasrlar yig`indisidan kichik bo`ladi?

A. x<3,3 B. x<-3,3 C. x>3,3 D.x>-3,3

13. x ning qanday qiymatlarida  va  kasrlar ayirmasi  kasrdan katta bo`ladi?

A. x<- B. x< C. x> D.x>-

14. Tengsizliklar sistemasini yeching: 

A. x<-3 B. x<3 C. x>3 D.x>-3

15.  ni 0,001 gacha aniqlikda o`nli kasr ko`rinishida yozing.

A. 0,357 B. 0, 353 C. 0,456 D. 0,352

16. Ifodani soddlashtiring: 

A. B. 2 C. 3 D. 4

17. Tenglamani yeching: 

A. ø B. x=7 C. x=8 D. x=9

18. Hisoblang: 

A.1 B. -1 C. 10 D. 2

19. Ikki sonning yig`indisi  ga, ularning ayirmasi esa  ga teng. Shu sonlarning ko`paytmasi nechaga teng.

A.1 B. -1 C. 10 D. 2

20. Hisoblang: 

A.7+2 B. 7-2 C. 4 D. 4

20. Kvadrat tenglamani yeching: 

A.  B.  C.  D. 

21. Hisoblang: 

A.  B. 3 C. 3 D. 4

22. Soddlashtiring: 

A. 4 B.  C. 10 D. 4

23. Kasrni qisqartiring: 

A. -3 B. +3 C. -6 D. +6

24. Soddlashtiring: , 

A. 2 B. 2 C. 10 D. 17

25. Tenglamani yeching: 

A.  B. x=8 C. x=-8 D. 

8 – SINF MATEMATIKADAN TEST KALITI II – VARIANT

8 – sinf I – chorak II - variant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| B | C | E | A | B | C | D | E | A | B | A | A | A | C | C | B | B | B | C | C | D | E | A | D | A |

8 – sinf II – chorak II - variant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| C | B | B | A | B | A | D | B | C | B | B | A | A | C | D | D | D | A | A | C | E | C | A | C | C |

8 – sinf III – chorak II - variant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| D | C | B | C | A | B | C | B | D | A | B | A | C | A | A | B | B | A | A | C | C | C | B | C | B |

8 – sinf VI – chorak II - variant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| C | A | C | C | A | D | B | C | B | B | B | C | A | B | A | A | A | B | A | D | C | B | C | D | C |

8 – sinf YILLIK II - variant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| B | C | E | A | B | C | D | B | C | B | B | A | A | C | A | B | B | A | A | B | B | C | A | B | A |