**Mazkur xujjatni hech qanday muxrsiz, erkin holda olish uchun +998902295952 telefon raqamiga qo’ng’iroq qiling va arzon narx evaziga unga ega bo’ling!**

**P.S. Sizning to’lovingiz**

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**Matematikadan testlaR**

1.Ifodaning qiymatini toping. + (12-x):y=?

A)5/y B) 10/y C) x/y D) 2x+6/y E) (x-6)/y

2. Ifodaning qiymatini toping[(x3-1):8y]:[(x2+x+1)/16y2]=?

A) 2xy+2y B) xy-2 C) 2xy-2y D) xy+2x E) y(x-1)

3.Tenglamani yeching. (2x-1)/5 – (3x+2)/4 – 1=0

A) 4,3 B) 13/20 C)-34/7 D) 1/20 E)-0,05

4.Tenglamani yeching. 10/(x+2) + 6/(x-2)-2=0

A)x=0 B)x=8 C)x=0;x=4 D) x=8; x=0 E) x=0,8

5. Grafigi (O,O) nuqtadan o’tadigan kvadrat funksiyani toping.

A)y=2x-1 B) y=5x C)y=4x2 D) y=-2x2+3 E)y=-x3

6.Grafigi giperboladan iborat bo’lgan funksiyani toping.

A) y=2x3 B)y=2x3 C)y=2/x D)ey=1/x2 E) y=3x

7. Yechimlari ko’paytmasi g a tengbo’lganrvadrattenglamani toping.

A) x2-x-x+3 =0 B) x2-x+ =0 C) x2-x-x- =0 D) x2-x-x+ =0

8.x+1 ifodani ko’paytuvchilarga ajrating.

A)(+1)(x-+1) B)(+1)(x--1) C)(-1)(x-+1) D))(x+1)(x-+1) E)(x-1)+1)

9.Tengsizlikni yeching. x/3 +(2x-1)/5>2x-1/15

A)x<15 B)x>-15 C)x>-17 D)x<-2/17 E)x>2/17

10.Tengsizlikni yeching. 2x2-x+4>0

A)Yechim yo’q B)Barcha sonlar C) Musbat sonlar D)x>3,2 E) x<-2/3

11.Tengsizliklar sistemasini yeching. { 2x-1<3

 {3x-2>11

A)Yechim yo’q B)Barcha sonlar C) Musbat sonlar D)x>3,2 E) x<-2

12. Tenglamalar sistemasini yeching. {x2+y2=16

 {y-x=4

A)(4;0),(0;4) B)(-4;0),(0,4) C)(2;-3),(-3;2) D)(5;-1),(-1;5) E)Yechim yo’q

13.Arifmetik progressiyaning birinchi hadi 7 ga,15-hadi -35 ga teng bo’lsa, uning ayirmasini toping.

A)-2 B) 3 C)-3 D)2 E) -1\2

14.Arifmetik progressiya 9-hadining ikkinchi hadiga nisbati 7 ga, 10- hadini 5-hadiga bo’lsak bo’linma 2 ga va qoldiq 5 ga teng bo’ladi. 20-hadini toping?

A)115 B)126 C)421 D)105 E) 102

15. Barcha uch xonali juft sonlar yeg’indisini toping.

A) 1123176 B)631068 C)8886432 D)5562074 E)247050

16.Geometrik progressiyaning 7- va 5-hadlari ayirmasi hamda 5- va 6- hadlar yeg’indisi 48 ga teng. 12-hadini toping.

A)2046 B)2040 C)2026 D)2048 E)2064

17.Geometrik progressiya tashkil etuvchi 3 ta son olindi. Agar ikkinchi son 2 ga oshirilsa ular arifmetik progressiyani tashkil etadi. Shundan so’ng 3- son 9 ga oshirilsa yana geometrik progressiya hosil bo’ladi. Dastlab olingan sonlarni toping.

A)5,10,20 B)2,4,8 C)4,8,16 D)6,18, 54 E)1,4,16

18.Soddalashtiring. (-x2y3z4)5:(-xyz)6

A) –x4y3z2 B)–x4y9z14 C)–x-4y-9z-14 D)–x-4y9z14 E)–x4y9z10

19.Hisoblang. 109\*9.17-5.37\*72-37\*9.17+1.2\*72=?

A)23.2 B)210 C)42.2 D)42 E)360

20.Hisoblang . Cos750+Sin750=?

A)61/2/2 B)1 C)-51/2 D)21/2-1 E)3-1\2-2

21.Soddalashtiring. Sin(450+x)+Cos(450+x)=?

A)√2Cosx B)√2Sinx C)-2Cosx D)CosxSinx E) -1/3Cosx

22.Hisoblang. Cos150-Sin150=?

A)61/2/2 B))√2/2 C)-51/2 D)21/2-1 E)3-1\2-2

23.Hisoblang. Sin440Cos140-Sin460Cos760=?

A)1 B)-1 C)1/2 D) -1/2 E)-1/4

24.Soddalashtiring. tgx +Ctgx=?

A)cos2x B)Sin2x C) 0.5tgx D)2/Sin2x E)2/Cos2x

25.Geometrik progressiyaning yig’indisi 9 ga, hadlari kvadratlarining yigindisi 40.5 ga teng. 5-hadini toping.

A)14 B)3/25 C)5/13 D)7/13 E)2/27

26.Uchburchakning 2 ta tashqi burchagi 1000 va 1500 bo’lsa, uchinchi burchagini toping?

A)100 B)110 C)120 D)130 E)90

27. Aylanadagi A nuqtadan uzunligi radiusga teng AB vatar va diametr o’tkazilgan. Ular tortib turgan yoy necha gradus?

A) 100 B)110 C)120 D)130 E)90

28. To’g’ri burchakli uchburchak to’g’ri burchagi uchidan tushirilgan balandligi tomonini 1 va 9 sm.li kesmalarga ajratadi. Shu balandlik doiraning radiusi bo’lsa, uning aulanasi uzunligini toping.

A)2 π B)3π C)4π D)5π E)6π