@& sin(arcsin3/5+arccos4/5) ning qiymatini toping.

@ 1

@# 24/25

@ 4/5

@ 3/5

@&Turli raqamli to`rt xonali 5xy2 soni 3 ga ham 4 ga ham qoldiqsiz bo`linishidan x ning nechta

farqli qiymati bor

@ 3

@# 4

@ 5

@ 6

@& sin(2x-300)=cosx tenglamaning [0;π) oraliqdagi yechimlarini ayting.

@ {π/9;π/4;π/3}

@#{2π/9;8π/9;2π/3}

@{3π/4;π/4;2π/3}

@ {7π/9;2π/3;π/3}

@& Qiymatini toping



@ 13/9

@# 37/9

@ -5/6

@ 11/3

@& Tenglamni yeching



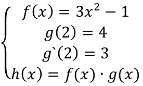
@ -18

@# -15

@ -13

@ 13

@& h `(2) ning qiymatini toping.



@ 54

@ 62

@ 74

@# 81

@& -1<x<3 bo`lsa, x ning qiymatini toping



@ 0

@ 1

@# 2

@ 3

@& Son 10 % ining 30 % i, 30 % ining 50 % i 75 bo`lsa, shu sonni toping.

@ 1000

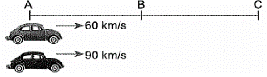
@ 12000

@ 3500

@# 5000

@& Mashinalar bir vaqtda harakatni boshladilar. Tezligi kata mashina C ga

borganda ikkinchisi B nuqtaga kelsa, AB:BC ni toping



@ 4

@ 3

@ 2,5

@# 2

@& 7a+3b+5c=40 va 3a+b+3c=17 bo`lsa, a+b-c ning qiymatini toping.

@# 6

@ 5

@ 4

@ 3

@& tengsizlikning butun yechimlari yig`indisini toping.



@ -20

@# -18

@ -12

@ 4

@& f(3x+4)=6x-8 bo`lsa, f-1 (10 ) ning qiymatini toping.

@ 4

@ 7

@# 10

@ 13

@& f(g(x))=3g(x)+4 bo`lsa, f(2) ning qiymatini toping.

@ 4

@ 7

@# 10

@ 12

@& f(x)=x2+(m-3)x+9 funksiya OX o`qining manfiy tomonida urinib o`tsa, m ning

qiymatini toping

@ -6

@# 9

@ -2

@ 3

@& lg29!=a bo`lsa, lg30! ning qiymatini toping.

@ a

@ 30a

@ 30+a

@# lg3+a+1

@& O’tkir burchakli ABC uchburchakda AB=5, BC=9, bo’lsa , ni toping .

@

@#

@

@

@& tgx ning qiymatini toping.



@# -2

@ -1,5

@ -1

@ 0,5

@& Qiymatini toping.



@ -3

@ -2

@# -1

@ 1

@& ctg(13π/5);tg(4π/3);sin(13π/4) larning ishoralarini aniqlang.

@# -;+;-

@ -;+;+

@ +;+;-

@ -;-;-

@& tg(π/2+x)cos(3π/2+x)+sin(π/2+x) ifoda quyidagilarning qaysi biriga teng

@ –cosx

@# 0

@ sinx

@ sinx-cosx

@& Tengsizlikni yeching

|5x+25|+|-2x-10|>42

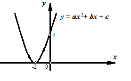
@# (— ∞; —11)U(1; ∞)

@ (-11; 1)

@ (—1; 11)

@ (- ∞; -5)U(5; ∞)

@& y(-3)=?



@# 1

@ 3

@ 2

@ -1

@& Arifmetik progressiyaning 11 -hadi, 1-hadidan 7 marta katta. Bu

progressiyaning ayirmasi 3 ga teng bo‘lsa, uning dastlabki 20 ta hadi yig‘indisini

toping.

@# 670

@ 540

@ 620

@ 740

@& Tengsizlikni yeching.

@

@

@

@#

@& bo’lsa, ni toping.

@

@

@#

@

@& x -y=3 bo’lsa, ifodaning qiymatini toping.

@ 2

@# -3

@ -2

@ 3

@& y=kx+b funksiyaning grafigi II, III va IV choraklardan o‘tadi.

Quyidagi tengsizliklardan qaysi biri to‘g‘ri?

@# k<0, b<0

@ k>0, b<0

@ k<0, b>0

@ k>0, b>0

@& Hadlari musbat sonlardan iborat cheksiz kamayuvchi geometrik progressiyaning

hadlari yig’indisi 40.5 ga, ilk 3 ta hadi yig’indisi 39 ga teng. Shu progressiyaning

to’rtinchi hadini toping.

@# 1

@ 4

@ 3

@ 2

@& ni soddalashtiring.

@#

@

@

@

@& tenglamani yeching.

@ # ,

@ ,

@ ,

@# ,

@& A=521521…521 va B=321321321…321 sonlari 21 xonali bo`lsa, A2∙B sonini 9 ga bo`lgandagi qoldiqni toping

@ 0

@ 2

@ 4

@# 6