**Matematika**

**1.Chiziqli tenglamalar sistemasini yeching:**

$\left[\begin{array}{c}2х+11у=15\\10х-11у=9\end{array}\right.$

 **А. (8; 4) В. (1; 2) С. (-8; -4) Д. (2; 1)**

**2. Qaysi sonlar juftligi tenglamalar tizimining yechimi hisoblanadi:**$\left[\begin{array}{c}х+у=4\\2х-у=2\end{array}\right.$

 **А.** $\left(3;1\right)$ **В.** $\left(-3;1\right)$ **С**$. \left(2;2\right) Д. \left(-2;2\right)$

**3. Funktsiyaning grafigi (1; 1) nuqtadan o'tmaydi.**

 **А. у = 2х-1 В. у = -6х + 5 С. у = -3х + 4 Д. у = 3х – 2**

**4. Tengsizliklarni qo‘shishni bajaring: 2x + 3y >5**  va 3x-4y>6

 **А. 5х +7у**$>11$ **В. 5х - у**$>11 С. 5х-7у>11 Д. 5х+ у>11$

**5. Tengsizlikni qanoatlantiradigan eng katta butun yechimni toping** $n<2,3$

 **А. 2 В. 1 С 0 Д 3**

**6. 2x>5 Tengsizlikning ikkala tomonini 3ga ko'paytiring.**

 **А. 5х** $>8$ **В. 6х** $<$ **15** $ С.$ **6х** $>$ **15 Д. 5х** $<8$

**7.Tengsizlikni yeching:** $18-8∙\left(х-2\right)>-2+х$

 **А**$. х>4$ **В.** $х>-4$ **С**$. х<4$ **Д.** $х<-4$

**8.Tengsizliklar sistemasini yeching:**$\left[\begin{array}{c}3х-17<-2\\3-4х<19\end{array}\right.$

 **А. (4; -5) В. (-4; 5) С. (-5; -4) Д. (4; 5)**

 **9. Tengsizlikni yeching:** $\frac{х-2,5}{3}\leq \frac{2х+5}{2}$

$А. х>5 В. х\geq -5 С. х<-5 Д. х\leq -5 $

**10.10x – 3 ifodasi x ning qaysi qiymatlarida 1 dan kichik ijobiy qiymatlarni oladi?**

 **А.** $\left(\frac{3}{10};\frac{2}{5}\right)$ **В**$.\left(-\frac{3}{10};\frac{2}{5}\right)$ **С** $.\left(-\frac{2}{5};\frac{3}{10}\right)$ **Д.** $\left(-\frac{2}{5};-\frac{3}{10}\right)$

**11. Tengsizlikning eng kichik butun yechimini toping 3х - 5**$\geq $ **16**

 **А. 7 В. 10 С. -5 Д. 15**

**12. -3,5х**$ \geq $ **-5,2 tengsizlikning ikkala tomonini -2 ga bo'ling**

 **А. 1,4x ≤ 2,6 B. -0,4x > -2,6 C. 1,75x ≤ 2,6 Д. 1,8x ≤ 2,4**

 **13. Tengsizlikni yeching: (х+5)(х-7)**$>$**0**

 **А. (**$-\infty ;-5)∪\left(7;\infty \right) $ **В. (-5;7) С. (**$-\infty ;-7)∪\left(5;\infty \right)$ **Д. (-7; 5)**

**14. 2x>5 Tengsizlikning ikkala tomonini 3ga ko'paytiring.**

 **А. 5х** $>8$ **В. 6х** $<$ **15** $ С.$ **6х** $>$ **15 Д. 5х** $<8$

**15. Uchburchakning tomonlari mos ravishda 23 sm, 25 sm, 27 sm. Uchburchakning perimetrini hisoblang.**

 **А. 75 sm В. 150 sm С. 50 sm Д. 100 sm**