

Sınaq		10			
Riyaziyyat					
1	D	11	C	21	B
2	B	12	E	22	C
3	B	13	C	23	30
4	D	14	A	24	5
5	D	15	E	25	60
6	E	16	A	26	140
7	A	17	D	27	1C2E3A
8	B	18	A		
9	B	19	C		
10	D	20	E		

I qrup

Sual 28.

Həlli:

$$\begin{cases} x+2y=5 \\ 4x-2y=10 \end{cases} \quad k = \frac{-1-1}{4-3} = -2$$

$$5x = 15$$

$$x = 3; y = 1$$

Sual 29.

Həlli:

$$\begin{aligned} x+x+3+x+6 &= 72 & x+x-3+x-6 &= 72 \\ 3x &= 63 & 3x &= 81 \\ x &= 21 & x &= 27 \\ 21; 24; 27 & & 27; 24; 21 & \\ \alpha &= \frac{21}{72} \cdot 360^\circ = 105^\circ & \alpha &= \frac{27}{72} \cdot 360^\circ = 135^\circ \end{aligned}$$

Sual 30.

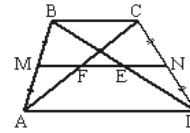
Həlli:

$$MF = EN = \frac{BC}{2} \quad MN = \frac{AD + BC}{2}$$

$$MN = MF + FE + EN = \frac{AD + BC}{2}$$

$$\frac{BC}{2} + FE + \frac{BC}{2} = \frac{AD + BC}{2}$$

$$FE = \frac{AD + BC}{2} - BC = \frac{AD - BC}{2}$$



II qrup

Sual 28.

Həlli:

$$4 = -0,5 \cdot x + 10 \quad k = \frac{5-4}{13-12} = 1$$

$$0,5x = 6 \quad y = kx + b = x + b$$

$$x = 12 \quad 5 = 13 + b$$

$$b = -8$$

$$y = x - 8$$

Sual 29.

Həlli: I mərhələ

$$288 \cdot \frac{11}{8} = 396$$

II mərhələ

$$288 = 2^3 \cdot 3^2$$

III mərhələ

$$288 : 36 + 396 : 36 = 8 + 11 = 19$$

$$396 = 2^2 \cdot 3^2 \cdot 11$$

$$\theta BOB(288;396) = 2^2 \cdot 3^2 = 36$$

Sual 30.

Həlli:

$$288 \cdot 2,5 + 396 \cdot 2 = 1512$$

$$\frac{2736 - 1800}{1800} \cdot 100 \% = 52 \%$$

$$1512 + 288 = 1800$$

$$(288 + 396) \cdot 4 = 2736$$