

Sınaq		2			
		Riyaziyyat			
1	C	11	D	21	B
2	D	12	B	22	D
3	A	13	D	23	7
4	B	14	B	24	80
5	C	15	C	25	36
6	A	16	B	26	40
7	E	17	E	27	1D2A3E
8	C	18	C		
9	A	19	B		
10	D	20	A		

I qrup

28.

$$\partial BOB(a; b) = \sqrt{\frac{864}{6}} = \sqrt{144} = 12$$

$$\partial KOB(a; b) = \sqrt{864 \cdot 6} = \sqrt{144 \cdot 6 \cdot 6} = 12 \cdot 6 = 72$$

$$12 + 72 = 84$$

29.

$$320 \cdot \frac{55}{100} = \frac{32 \cdot 55}{10} = 16 \cdot 11 = 176$$

$$0,2(4) = \frac{24-2}{90} = \frac{22}{90} = \frac{11}{45}$$

$$176 \cdot \frac{45}{11} = 16 \cdot 45 = 720$$

30.

$$a = b + b \cdot \frac{p}{100} = b \left(1 + \frac{p}{100} \right)$$

$$b = c - c \cdot \frac{p}{100} = c \left(1 - \frac{p}{100} \right)$$

$$a = b \left(1 + \frac{p}{100} \right) = c \left(1 - \frac{p}{100} \right) \left(1 + \frac{p}{100} \right) = c \left(1 - \frac{p^2}{100 \cdot 100} \right) = c \left(1 - \frac{p^2}{100} \right)$$

II qrup

28.

$$66 \cdot \frac{63}{99} = 42$$

$$66 = 2 \cdot 3 \cdot 11$$

$$42 = 2 \cdot 3 \cdot 7$$

$$\partial BOB(66; 42) = 2 \cdot 3 = 6$$

29.

$$42 \cdot \frac{100}{70} = 60; 66 \cdot \frac{100}{88} = 75$$

$$\frac{42+66}{60+75} \cdot 100\% = \frac{108}{135} \cdot 100\% = 80\%$$

30.

$$1200 \cdot \frac{55}{100} = 660$$

$$k + \frac{1}{2}k + \frac{1}{3}k = 660$$

$$\frac{6k + 3k + 2k}{6} = 660$$

$$11k = 6 \cdot 660$$

$$k = 360$$