

Sınaq		7			
Riyaziyyat					
1	C	11	D	21	E
2	C	12	D	22	C
3	B	13	A	23	41
4	D	14	A	24	2
5	A	15	E	25	10
6	D	16	B	26	11
7	D	17	A	27	1DE2C3AB
8	B	18	D		
9	B	19	C		
10	E	20	A		

I qrup

28.

$$\frac{(a+1)(a^2-a+1)+2a(a+1)}{a(a+2b)+(a+2b)} = \frac{(a+1)(a^2-a+1+2a)}{(a+2b)(a+1)} = \frac{a^2+a+1}{a+2b}$$

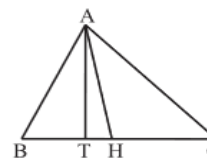
29.

$$\begin{aligned} 50 &= 1,8C + 32 & 19 - 10 &= 9 \\ 18 &= 1,8C & 100 - 0,6 & \\ C &= 10 & x - 9 & \end{aligned}$$

$$x = \frac{9 \cdot 100}{0,6} = 1500$$

80.

$$\begin{aligned} \angle BAT &= 90^\circ - \angle B; & \angle CAT &= 90^\circ - \angle C; & \angle A &= 180^\circ - (\angle B + \angle C) \\ \angle TAH &= \angle HAB - \angle BAT = \frac{180^\circ - (\angle B + \angle C)}{2} - (90^\circ - \angle B) = \\ &= 90^\circ - 0,5 \cdot \angle B - 0,5 \cdot \angle C - 90^\circ + \angle B = 0,5 \cdot \angle B - 0,5 \cdot \angle C = \frac{\angle B - \angle C}{2} \end{aligned}$$



II qrup

28.

$$5 \cdot 10^6 + 1,47 \cdot 10^8 = 0,05 \cdot 10^8 + 1,47 \cdot 10^8 = 1,52 \cdot 10^8$$

29.

$$\begin{aligned} 30\% &- 420 \\ 70\% &- x \\ x &= \frac{70 \cdot 420}{30} = 980 & 980 \cdot \frac{100 - 40}{100} &= 588 \end{aligned}$$

30.

$$\begin{aligned} 28 - (-22) &= 50 & 14,7 + 0,3 &= 15 \\ 1000 - 6 & & F &= 1,8 \cdot 15 + 32 = 27 + 32 = 59 \\ 50 - x & & & \\ x &= \frac{50 \cdot 6}{1000} = 0,3 & & \end{aligned}$$