

① Дано:

$$P_{cx} = \frac{P_{cb}}{2}$$

$$P_{bx} = \frac{P_{bb}}{4}$$

$$\frac{P_c}{P_b} = ?$$

Решение:

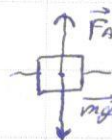
$$1) P_{cx} = \frac{P_{cb}}{2} \Rightarrow m_{cx} = \frac{m_{cb}}{2}$$

$$P_{bx} = \frac{P_{bb}}{4} \Rightarrow m_{bx} = \frac{m_{bb}}{4}$$

$$P = mg$$

$$F_A = mg$$

$$\rho g V = mg$$



$$\frac{m_{cb}}{m_{bb}}$$

$$2) \rho = \frac{m}{V} \quad \frac{P_c}{P_b} = \frac{\frac{m_c}{V}}{\frac{m_b}{V}} = \frac{m_c}{m_b} = \frac{\frac{2m_b}{4}}{m_b} = 2$$

Ответ: в 2 раза больше.

③ Дано:

$$t_1 = 15^\circ\text{C}$$

$$t_2 = 25^\circ\text{C}$$

$$t_{p1} = 22^\circ\text{C}$$

$$t_3 = 30^\circ\text{C}$$

$$t_4 = 45^\circ\text{C}$$

$$t_{p2} = 40^\circ\text{C}$$

$$t_5 = 10^\circ\text{C}$$

$$t_6 = 60^\circ\text{C}$$

$$t_{p3} = ?$$

W

$$t_1 = 15^\circ\text{C}$$

$$t_5 = 10^\circ\text{C}$$

S

$$t_2 = 25^\circ\text{C}$$

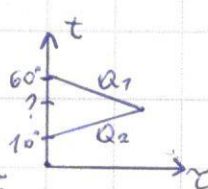
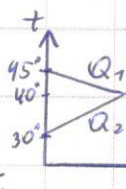
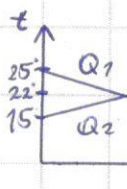
$$t_3 = 30^\circ\text{C}$$

P

$$t_{p1} = 22^\circ\text{C}$$

$$t_4 = 45^\circ\text{C} \quad t_{p2} = 40^\circ\text{C}$$

$$t_6 = 60^\circ\text{C} \quad t_{p3} = ?$$



$$W + S = 22^\circ$$

$$S + P = 40^\circ$$

$$W + P = ? = x$$

$$W = 22 - S$$

$$P = 15 - S$$

$$x = 22 - S + 15 - S$$

$$x = 37 - 2S$$

$$S = 0$$

$$x = 37^\circ$$

$$\text{Ответ: } t_{p3} = 37^\circ$$

Парақтың артқы жағын толтырмаңыз / Обратную сторону листа не заполнять