

$$1) m_{\text{ж}} = 6 \text{ кг}$$

$$m_{\text{г}} = 6 \text{ кг}$$

$$\rho_{\text{ж}} = 900 \text{ кг/м}^3$$

$$\rho_{\text{г}} = 2700 \text{ кг/м}^3$$

$$V = ?$$

$$V = \rho \cdot m$$

$$V = 900 \cdot 5 = 4500$$

$$2) m_1 = 200 \text{ г}$$

$$m_2 = 400 \text{ г}$$

$$h = 60 \text{ см}$$

$$\rho = ?$$

$$\rho = \frac{m}{V}$$

$$\rho = \frac{600}{60} = 10 \text{ г/см}^3$$

$$3) h_1 = 30 \text{ мм}$$

$$h_2 = 60 \text{ мм}$$

$$\rho_{\text{ж}} = 2700 \text{ кг/м}^3$$

$$\rho_{\text{г}} = 900 \text{ кг/м}^3$$

$$m_1 = ?$$

$$m_2 = ?$$

$$m = \rho \cdot V$$

$$m_1 = 3 \cdot 30 = 90 \text{ г}$$

$$m_2 = 3 \cdot 60 = 180 \text{ г}$$

4)