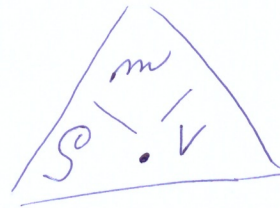


F6 i.3

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



1. $V = 0,04 \text{ m}^3$

$$\rho = 1100 \text{ kg/m}^3$$

$$m = ?$$

$$m = \rho \cdot V = 1100 \cdot 0,04 = 44 \text{ kg}$$

2. $V = 0,2 \text{ m}^3$

$$m = ?$$

$$\rho = 7800 \frac{\text{kg}}{\text{m}^3}$$

$$m = \rho \cdot V = 7800 \cdot 0,2 = 1560 \text{ kg}$$

4. $V = 1,6 \text{ m}^3$

$$\rho = 2100 \frac{\text{kg}}{\text{m}^3}$$

$$m = ?$$

$$m = \rho \cdot V = 2100 \cdot 1,6 = 3360 \text{ kg}$$

3. $V = 15 \text{ cm}^3$

$$m = 117 \text{ g}$$

$$\rho = ?$$

$$\rho = \frac{m}{V} = \frac{117}{15} = 7,8 \frac{\text{g}}{\text{cm}^3}$$

5. ma'slo $950 \frac{\text{kg}}{\text{m}^3}$

borci drvo $500 \frac{\text{kg}}{\text{m}^3}$

plek'stlo $1200 \frac{\text{kg}}{\text{m}^3}$

dural $2800 \frac{\text{kg}}{\text{m}^3}$

b) mosaz 8500

železo 7800

platina 19800

dr. drvo 700

najl'kši

bor. drvo, ma'slo, plek'stlo, dural

najmenši

platina, mosaz, železo, dr. drvo

POZOR PROHOZENOU