

1. Izvrši naznačene pretvorbe mjernih jedinica:

- a) $7,05\text{km} = \underline{\hspace{2cm}} \text{ cm}$
- b) $2500\text{mm} = \underline{\hspace{2cm}} \text{ km}$
- c) $720\text{nm} = \underline{\hspace{2cm}} \text{ m}$
- d) $240\text{mm}^2 = \underline{\hspace{2cm}} \text{ dm}^2$
- e) $0,038\text{hm}^3 = \underline{\hspace{2cm}} \text{ dm}^3$
- f) $320 \text{ ml} = \underline{\hspace{2cm}} \text{ hl}$
- g) $12 \text{ dl} = \underline{\hspace{2cm}} \text{ cm}^3$
- h) $7,4 \text{ t} = \underline{\hspace{2cm}} \text{ dag}$
- i) $2\text{d } 14\text{h } 35 \text{ min} = \underline{\hspace{2cm}} \text{ s}$

2. Izvrši naznačene pretvorbe mjernih jedinica:

- a) $5.24 \text{ km} = \underline{\hspace{2cm}} \text{ dm}$
- b) $0.0057 \text{ Mm} = \underline{\hspace{2cm}} \text{ dam}$
- c) $75\,000 \text{ cm} = \underline{\hspace{2cm}} \text{ km}$
- d) $7.3 \text{ nm} = \underline{\hspace{2cm}} \text{ mm}$
- e) $350\,000 \text{ mm}^2 = \underline{\hspace{2cm}} \text{ dam}^2$
- f) $0.000049 \text{ km}^2 = \underline{\hspace{2cm}} \text{ dm}^2$
- g) $0.0072 \text{ hm}^3 = \underline{\hspace{2cm}} \text{ m}^3$
- h) $25\,000\,000 \text{ mm}^3 = \underline{\hspace{2cm}} \text{ hm}^3$
- i) $900 \text{ ml} = \underline{\hspace{2cm}} \text{ l}$
- j) $24 \text{ dl} = \underline{\hspace{2cm}} \text{ mm}^3$
- k) $0.4 \text{ t } 50 \text{ kg } 300 \text{ g} = \underline{\hspace{2cm}} \text{ dag}$
- l) $5 \text{ d } 15 \text{ h } 45 \text{ min} = \underline{\hspace{2cm}} \text{ s}$

- 3. Valna duljina spektralne linije svjetlosti iznosi 678nm . Izrazite je u **decimetrima** i **metrima** pomoću potencije broja 10 (*znanstveni zapis*).
- 4. Koliko **litara** ulja stane u posudu oblika kvadra dimenzija $a=36\text{cm}$, $b=5\text{dm}$ i $c=450\text{mm}$, ako je volumen kvadra $V = abc$?
- 5. U menzuri se nalazi 45cm^3 vode. Kada u nju uronimo olovnu kuglu, očitavamo 53.7cm^3 . Koliki je volumen kugle izražen u metrima kubnim i u litrama? (*znanstveni zapis*).
- 6. Koliko litara vode stane u kocku osnovnog brida 45.7mm ? (*znanstveni zapis*).
- 7. Kolika je površina pravokutnika dimenzija $240\text{mm} \times 0.3\text{dm}$ izražena u kvadratnim centimetrima i kvadratnim metrima?