

# ZNAISTVENI ZAPIS BROJA I PRETVARANJE JEDINICA

## vježba



1. Napišite zadane brojeve u znanstvenom zapisu:

$$20 = \quad \cdot 10$$

$$3852 = \quad \cdot 10$$

$$0,004 = \quad \cdot 10$$

$$0,000\,034 = \quad \cdot 10$$

2. Napiši naziv prefiksa koji odgovara potenciji broja 10 iz desnog stupca tablice:

| Prefiks | potencija broja 10 |
|---------|--------------------|
|         | $10^{-3}$          |
|         | $10^6$             |
|         | $10^{-12}$         |
|         | $10^{-6}$          |

3. Spoji oznaku prefiksa s odgovarajućom potencijom broja 10.

|        |        |           |            |        |           |            |           |
|--------|--------|-----------|------------|--------|-----------|------------|-----------|
| m      | $\mu$  | k         | h          | T      | f         | p          | da        |
| $10^3$ | $10^2$ | $10^{-3}$ | $10^{-12}$ | $10^1$ | $10^{12}$ | $10^{-15}$ | $10^{-6}$ |

4. Pretvori jedinice i zapiši u znanstvenom zapisu.

$$2\text{ km} = \quad \cdot 10 \quad \text{pm} \qquad 3\text{ dag} = \quad \cdot 10 \quad \text{kg}$$

$$4 \cdot 10^2 \mu\text{m} = \quad \cdot 10 \quad \text{m} \qquad 12\text{ cm}^3 = \quad \cdot 10 \quad \text{m}^3$$

$$12\text{ MN} = \quad \cdot 10 \quad \text{mN} \qquad 9\text{ g/cm}^3 = \quad \cdot 10 \quad \text{kg/m}^3$$

$$72\text{ km/h} = \quad \cdot 10 \quad \text{m/s} \qquad 300\text{ hPa} = \quad \cdot 10 \quad \text{mPa}$$

$$10\text{ m/s} = \quad \cdot 10 \quad \text{km/h} \qquad 3 \cdot 10^{-2}\text{ kg} = \quad \cdot 10 \quad \mu\text{g}$$