

# Fizičke veličine kojima se opisuje kretanje



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## Fizičke veličine kojima se opisuje kretanje

NAZIV

OZNAKA

MERNA JEDINICA

PUT

$s$

m, km, cm, dm, mm...

BRZINA

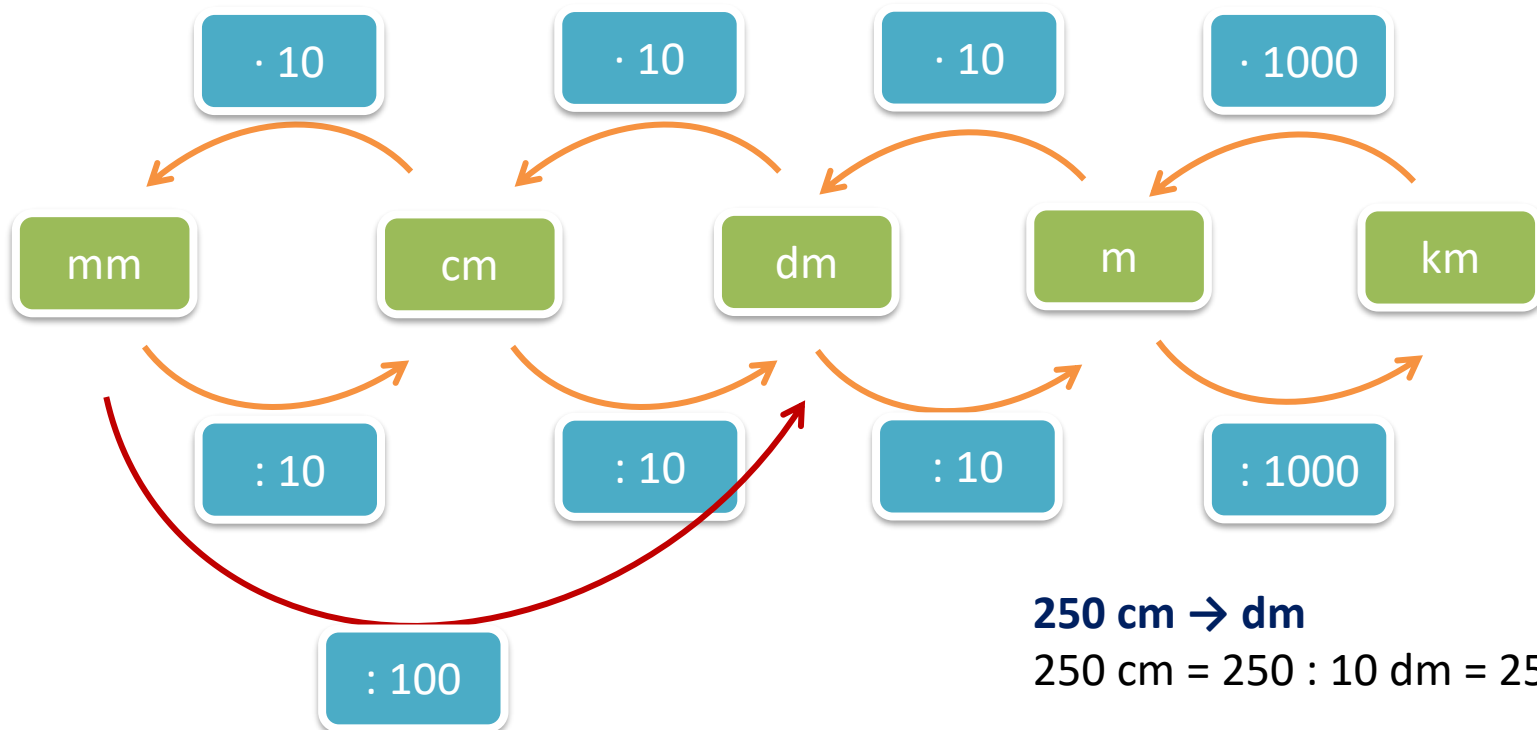
$v$

km/h m/s

VREME

$t$

s, min, h



**250 cm  $\rightarrow$  dm**

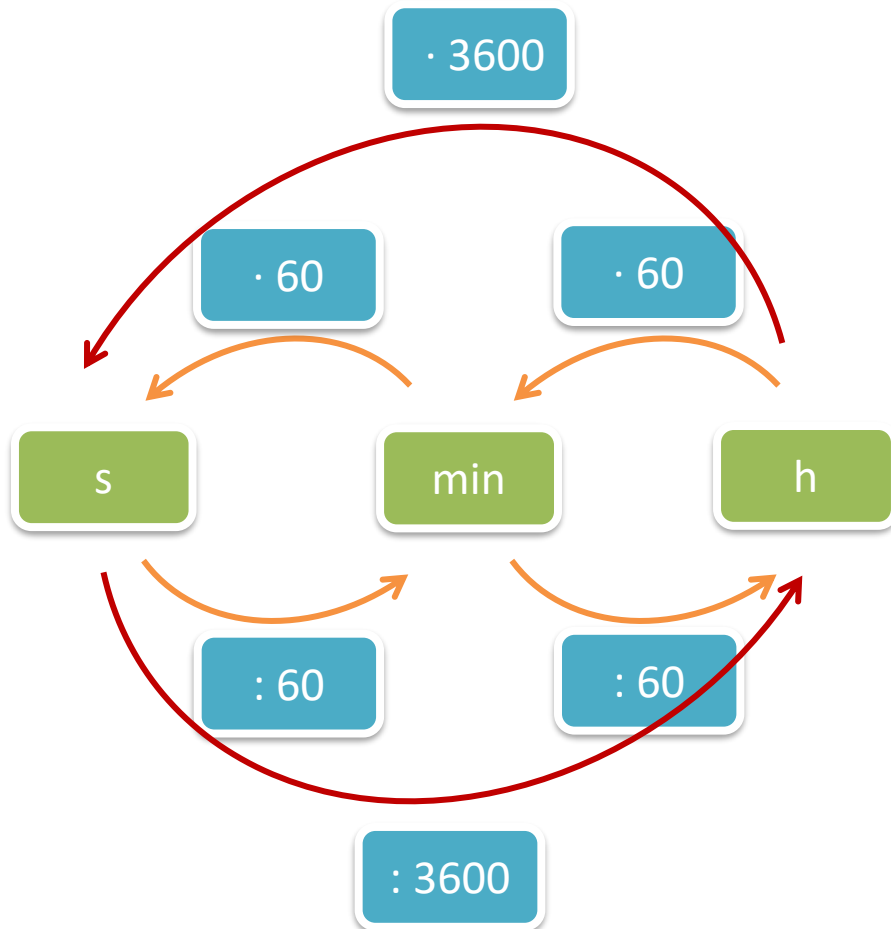
$$250 \text{ cm} = 250 : 10 \text{ dm} = 25 \text{ dm}$$

**0,5 km  $\rightarrow$  m**

$$0,5 \text{ km} = 0,5 \cdot 1000 \text{ m} = 500 \text{ m}$$

**513 mm  $\rightarrow$  dm**

$$513 \text{ mm} = 513 : 100 \text{ dm} = 5,13 \text{ dm}$$



**5 min  $\rightarrow$  s**

$$5 \text{ min} = 5 \cdot 60 \text{ s} = 300 \text{ s}$$

**360 s  $\rightarrow$  min**

$$360 \text{ s} = 360 : 60 \text{ min} = 6 \text{ min}$$

**720 s  $\rightarrow$  h**

$$720 \text{ s} = 720 : 3600 \text{ h} = 0,2 \text{ h}$$

$$\cdot \frac{1000}{3600}$$

$$\frac{m}{s}$$

$$\frac{km}{h}$$

$$\cdot \frac{1000}{1} = \cdot \frac{3600}{1000}$$

$$72 \frac{km}{h} \rightarrow \frac{m}{s}$$

$$72 \frac{km}{h} = 72 \cdot \frac{1000}{3600} \frac{m}{s} = 20 \frac{m}{s}$$

$$15 \frac{m}{s} \rightarrow \frac{km}{h}$$

$$15 \frac{m}{s} = 15 \cdot \frac{1000}{3600} \frac{km}{h} = 15 \cdot \frac{3600}{1000} \frac{km}{h} = 54 \frac{km}{h}$$