

## PRETVARJANJE KOTNIH ENOT

|                                    |   |
|------------------------------------|---|
| $1^\circ = 60'$                    | <b>KOTNE STOPINJE</b> · 60 = <b>KOTNE MINUTE</b>    |
| $1' = 60''$                        | <b>KOTNE MINUTE</b> · 60 = <b>KOTNE SEKUNDE</b>     |
| $1^\circ = 60 \cdot 60'' = 3600''$ | <b>KOTNE STOPINJE</b> · 3600 = <b>KOTNE SEKUNDE</b> |

### PRIMERI

1. Izrazi v kotnih minutah.

$$4^\circ = 4 \cdot 60' = 240'$$

$$15^\circ = 15 \cdot 60' = 900'$$

2. Izrazi v kotnih sekundah.

$$2^\circ = 2 \cdot 3600'' = 7200''$$

$$23^\circ = 23 \cdot 3600'' = 82800''$$

3. Pretvori v kotne minute.

$$\begin{aligned} 2^\circ 10' &= \\ &= 2 \cdot 60' + 10' = \\ &= 120' + 10' = \\ &= 130' \end{aligned}$$

4. Pretvori v kotne sekunde.

$$\begin{aligned} 3^\circ 5' &= \\ &= 3 \cdot 3600'' + 5 \cdot 60'' = \\ &= 10800'' + 300'' = \\ &= 11100'' \end{aligned}$$



|                    |  |
|--------------------|--|
| $60' = 1^\circ$    | <b>KOTNE MINUTE : 60 = KOTNE STOPINJE</b>    |
| $60'' = 1'$        | <b>KOTNE SEKUNDE : 60 = KOTNE MINUTE</b>     |
| $3600'' = 1^\circ$ | <b>KOTNE SEKUNDE : 3600 = KOTNE STOPINJE</b> |

#### PRIMERI

1. Izrazi v kotnih stopinjah.

$$120' = 120 : 60 = 2^\circ$$

$$300' = 300 : 60 = 5^\circ$$

2. Izrazi v kotnih stopinjah in kotnih minutah.

$$154' = 154 : 60 = 2^\circ 32'$$

$$154 : 60 = 2$$

32 ost.

