

OBSEG KROGA - rešitve iz UČBENIKA

UPORABIŠ FORMULE
 $\sigma = 2\pi r$ $r = \frac{\sigma}{2\pi}$ $\pi \approx 3,14$
 $\sigma = d\pi$ $d = \frac{\sigma}{\pi}$ $\pi = \frac{22}{7}$

1a.) KROG
 $r = 4 \text{ cm}$
 $\sigma =$

$\sigma = 2\pi \cdot r$
 $\sigma = 2\pi \cdot 4$
 $\sigma = 8 \cdot \pi \text{ cm}$
 $\sigma = 8 \cdot 3,14$
 $\sigma = 25,12 \text{ cm}$

$\frac{3,14 \cdot 8}{25,12}$

c.) $d = 8,4 \text{ cm}$
 $\sigma =$

$\sigma = d\pi$
 $\sigma = 8,4 \cdot \pi \text{ cm}$
 $\sigma = 8,4 \cdot 3,14$
 $\sigma = 26,376 \text{ cm}$

$\frac{8,4 \cdot 3,14}{252}$
 $\frac{84}{336}$
 $\frac{26376}{26376}$

3.) $d = 2,5 \text{ cm}$
 $\sigma =$

$\sigma = d\pi$
 $\sigma = 2,5 \cdot 3,14$
 $\sigma = 7,85 \text{ cm}$

$\frac{3,14 \cdot 2,5}{628}$
 $\frac{1570}{7850}$

4.) $d = 1,8 \text{ m}$
 $\sigma =$

$\sigma = d\pi$
 $\sigma = 1,8 \cdot 3,14$
 $\sigma = 5,652 \text{ m}$

\rightarrow naloga iz vsačdanjega življenja mora biti izražena s številom in ne s π .

$\frac{3,14 \cdot 1,8}{314}$
 $\frac{2512}{5,652}$

7.) a.) $r = 5 \text{ cm}$
 $d = 2 \cdot r = 10 \text{ cm}$
 $\sigma = 31,4 \text{ cm}$

$\sigma = d\pi$
 $\sigma = 3,14 \cdot 10$
 $\sigma = 31,4 \text{ cm}$

b.) $d = 12 \text{ cm}$
 $r = d : 2 = 6 \text{ cm}$
 $\sigma = 37,68 \text{ cm}$

$\sigma = d\pi$
 $\sigma = 12 \cdot 3,14$
 $\sigma = 37,68 \text{ cm}$

$\frac{3,14 \cdot 12}{314}$
 $\frac{628}{37,68}$

c.) $\sigma = 628 \text{ cm}$
 $d = 200 \text{ cm}$
 $r = d : 2 = 100 \text{ cm}$

$\sigma = d \cdot \pi$
 $d = \sigma : \pi$
 $d = 628 : 3,14 = 62800 : 314 = 200 \text{ cm}$

10.) $\sigma = 25,12 \text{ cm}$
 $d = 8 \text{ cm}$
 $r = 4 \text{ cm}$

$\sigma = d\pi$
 $d = \sigma : \pi$
 $d = 25,12 : 3,14 = 2512 : 314 = 8 \text{ cm}$
 $r = d : 2 = 4 \text{ cm}$

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