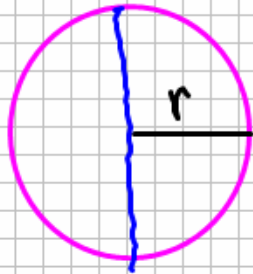


Cirkelns area & omkrets

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$r = \text{radie}$

$d = \text{diameter}$

$$A = r \cdot r \cdot \pi$$

$$O = d \cdot \pi$$

$$r = 24 \text{ cm}$$

Rita

$$d = 24 \cdot 2 = 48 \text{ cm}$$



$$O = d \cdot \pi = 48 \cdot 3,14 = 150,72$$

$$O \approx 151 \text{ cm}$$

$$A = r \cdot r \cdot \pi = \underbrace{24 \cdot 24} \cdot 3,14$$

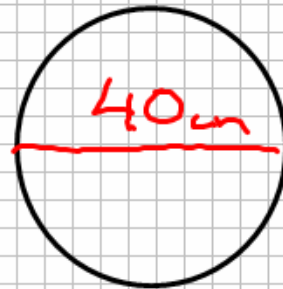
$$576 \cdot 3,14 = 1808,64$$

$$A \approx 1809 \text{ cm}^2$$

Pröva själv!

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$$d = 40 \text{ cm}$$



- * Rita
- * radie?
- * Omkrets?
- * Area?

$$r = 20 \text{ cm}$$

$$O = d \cdot \pi = 40 \cdot 3,14 = 125,6 \approx 126 \text{ cm}$$

$$A = r \cdot r \cdot \pi = 20 \cdot 20 \cdot 3,14 = 1256 \text{ cm}^2$$

$$O = 24 \text{ m}$$

$$O = d \cdot \pi$$

$$24 = d \cdot \pi$$

$$24 = d \cdot 3,14$$

Som en ekvation...

$$\frac{24}{3,14} = d \quad \Rightarrow \quad d \approx 7,6 \text{ m}$$

$$3 \cdot x = 12$$

$$\cancel{3} \cdot x = \frac{12}{\cancel{3}}$$

$$x = \frac{12}{3}$$

$$x = 4$$