

Es 1

DATI

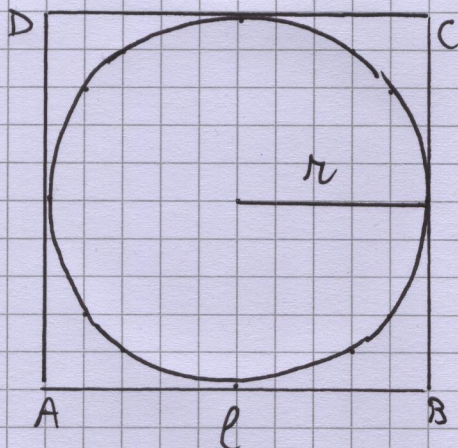
$r = 9 \text{ cm}$

$C = ?$

$A_c = ?$

$P_{ABCD} = ?$

$A_{ABCD} = ?$



$$\begin{array}{r} 25,12 + \\ 31,40 = \\ \hline 56,52 \end{array}$$

$$\begin{array}{r} 251,2 + \\ 3,14 = \\ \hline 254,34 \end{array}$$

SVOLGIMENTO

$C = 2\pi r = 2 \cdot 9\pi = 18\pi \approx 56,52 \text{ cm}$

$A_c = \pi r^2 = 9^2\pi = 81\pi \approx 254,34 \text{ cm}$

$AB = l = 2r = 18 \text{ cm}$

$P_{ABCD} = 4l = 18 \cdot 4 = 9 \cdot 8 = 72 \text{ cm}$

$A_{ABCD} = l^2 = 18^2 = 324 \text{ cm}^2$

Es 2

DATI

$A_c = 2601\pi \text{ cm}^2$

$d = ?$

SVOLGIMENTO

$A_c = \pi r^2 \rightarrow r = \sqrt{\frac{A_c}{\pi}}$

$r = \sqrt{\frac{2601\pi}{\pi}} = \sqrt{2601} = 51 \text{ cm}$

$d = 2r = 51 \cdot 2 = 102 \text{ cm}$