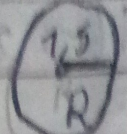
TAREFA BÁSICA - ÁREA DO CÍRCULO

①



720L
1L = 6KM
720 · 6 = 720KM

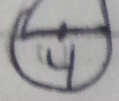
VOLTAS = $\frac{720}{9,4}$

V = 76,4 OU V = 76

$P = 2\pi \cdot R$
$P = 2 \cdot 3,14 \cdot 1,5$
$P = 6,28 \cdot 1,5$
$P = 9,42$ KM OU 9,4KM

ALTERNATIVA (C)

②



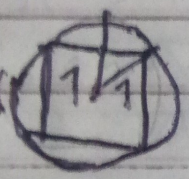
$P = 2\pi \cdot R$
$P = 2\pi \cdot 2$
$P = 4\pi$

$R = \frac{4}{2} = 2$

DISTÂNCIA = $10 \cdot 4\pi$
$D = 40\pi$ CM

ALTERNATIVA (C)

③



$D = l\sqrt{2}$
$2 = l\sqrt{2}$
$\frac{\sqrt{2}}{\sqrt{2}} \cdot 2 = l$
$l = \frac{2\sqrt{2}}{2} = \sqrt{2}$

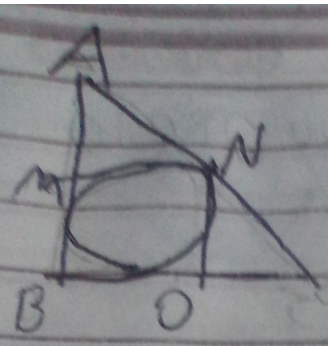
□ ÁREA $= l^2$
$A = (\sqrt{2})^2$
$A = 2$

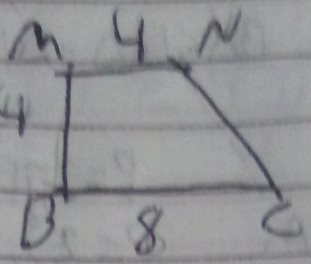
$A_S = \frac{90 \cdot 3,14 \cdot 1^2}{360} = \frac{282,6}{360} \cong 0,785$

$X = 4A_S - \square A$
$x = 4 \cdot 0,785 - 2$
$x = 3,14 - 2$
$x = \pi - 2$

ALTERNATIVA (D)

④





$A = \frac{(4+8)\cdot 4}{2}$

$A = \frac{12\cdot 4}{2} = \frac{48}{2} = 24$

O é o ponto médio de $\overline{BC}$

□BMNO de lado 4

⑫ $A = \pi \cdot R^2$

$A = 3,1 \cdot 2^2$

$A = 3,1 \cdot 4$

$A = 12,4$

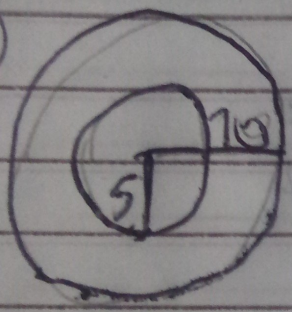
$X = \square MNBC - \bigcirc A$

$X = 24 - 12,4$

$X = 11,6$

ALTERNATIVA (A)

⑤

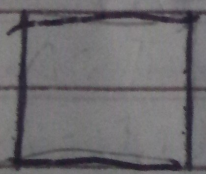


$P = 2\pi \cdot R$

$P = 2 \cdot 10 \cdot \pi$

$P = 20\pi$

⑥



10mm

10mm

$\frac{10mm}{0,02 \cdot 10^{-3}} = 500.000 \rightarrow 5 \cdot 10^5$

$A = l \cdot l$

$A = 5 \cdot 10^5 \cdot 5 \cdot 10^5$ ALTERNATIVA (E)

$A = 25 \cdot 10^{10}$