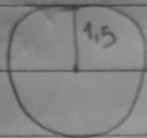


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Tarefa Básica - Área do Círculo

01.



$$C = 2 \cdot \pi \cdot 1,5$$

$$1L \leadsto GK$$

$$\frac{720}{9,42} = 76,4 \text{ letra C}$$

$$C = 9,42$$

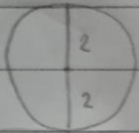
$$120L \leadsto x$$

$$9,42$$

$$C = 9,42$$

$$x = 120 \cdot 6 = 720 \text{ km}$$

02.

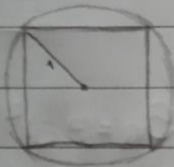


$$C = 2 \cdot \pi \cdot 2$$

$$4\pi \cdot 10 = 40\pi \text{ letra C}$$

$$C = 4\pi$$

03.



$$S_c = \pi \cdot 1^2 = \pi$$

$$d = 2, ou$$

$$S_q = l^2$$

$$l\sqrt{2} = 2$$

$$S_q = (\sqrt{2})^2$$

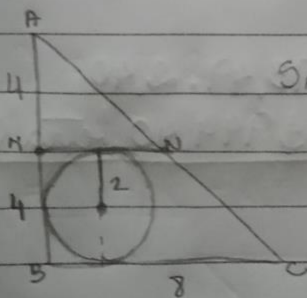
$$l = \frac{2 \cdot \sqrt{2}}{\sqrt{2} \cdot \sqrt{2}} = \frac{2\sqrt{2}}{2}$$

$$S_q = 2$$

$$S_c - S_q = \pi - 2 \text{ letra D}$$

$$l = \sqrt{2}$$

04.



$$S_{ABC} = 8 \cdot 8 = 64$$

$$S_{AMN} = 1$$

$$S_c = \pi \cdot r^2$$

$$= 2$$

$$S_{ABC} = 4$$

$$S_c = 4 \cdot 3,1$$

$$\frac{x}{32} = \frac{1}{4}$$

$$S_c = 12,4$$

$$4x = 32$$

$$x = 8$$

$$S_H = S_{ABC} - S_{AMN} - S_c$$

$$S_H = 64 - 1 - 12,4$$

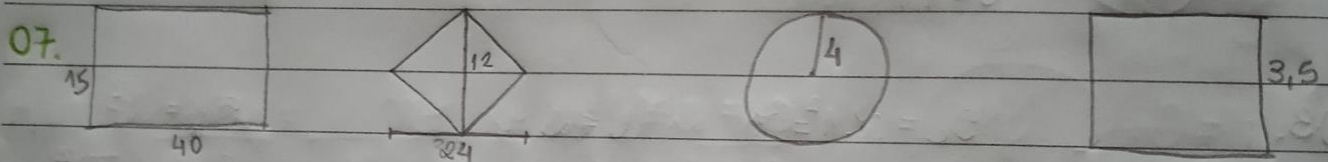
$$S_H = 50,6 \text{ letra A}$$

05. $S_{C1} = \pi \cdot 10^2 = 100\pi$ $S_{C1} = \frac{100\pi}{10\pi} = 10 \text{ cm letra C}$
 $C_{C2} = 2 \cdot \pi \cdot 5 = 10\pi$ C_{C2}

06. $1 \text{ cm}^2 = 10 \text{ mm} \cdot 10 \text{ mm}$ $N = \text{numero de virgulas}$

$N = \frac{10}{0,02 \cdot 10^{-3}} = 500 \cdot \frac{1}{10^{-3}} = 5 \cdot 10^2 \cdot 10^3 = 5 \cdot 10^5$

$N = (5 \cdot 10^5)^2 = 25 \cdot 10^{10} \text{ letra C}$



$S_R = 15 \cdot 40 = 600 \text{ m}$ $S_L = 24 \cdot \frac{12}{2} = 144 \text{ m}$ $S_C = \pi \cdot 4^2$ $S_Q = (3,5)^2$
 $S_C = 16\pi$ $S_Q = 12,25$
 $S_C \approx 50,26$

$S_{\text{GRAM}} = 600 - 144 - 50,26 - 12,25$

$S_G = 393,49$

$\text{PREÇO} = 393,49 \cdot 2,40$

$P = R\$ 944,40 \text{ letra C}$