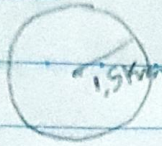
1-)



$2 \cdot 3,14 \cdot 1,5 = 9,42$ Km

120 litros = 720 Km

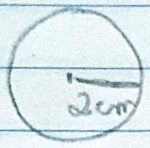
1L = 6 Km

720 | 9,42

76 Km

(C)

2-)



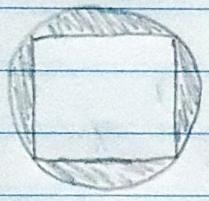
$C = 2\pi r$

$C = 4\pi$

(C)

$4\pi \cdot 10 = 40\pi$

3-)



$A_{\square} = (\sqrt{2})^2 = 2$

diagonal = 2

$2 = l\sqrt{2}$

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

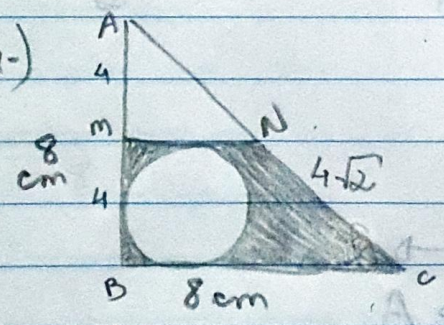
$A_O = \pi r^2$

$A = \pi - 2$

$A_O = \pi$

(D)

4-)



$a^2 = 8^2 + 8^4$

$a^2 = 128$

$a = 8\sqrt{2}$ cm

128	2
64	2
32	2
16	2
8	2
4	2
2	2
1	

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

$A_{\triangle} = \frac{12 \cdot 4}{2}$

$A_{\triangle} = 24\ cm^2$

$A_O = \pi r^2$

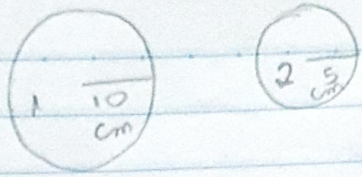
$A_O = 3,1 \cdot 4$

$A_O = 12,4\ cm^2$

$A = 24 - 12,4 = 11,6\ cm^2$

(A)

5-)



$A_2 = \pi . 5^2$

$A_2 = 25\pi$ (C)

$C_2 = 2\pi r$

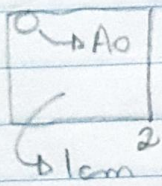
$C_2 = 10\pi$

$A_1 = \pi . 10^2$

$A_1 = 100\pi$

$\frac{100\pi}{10\pi} = 10\ cm$

6-)



$A_o = \pi . (0,01 . 10^{-3})^2$

$A_o = \pi . 0,0001 . 10^{-6}$

$A_o = 0,000314 . 10^{-6}$

$A_o = 0,314 . 10^{-9}\ mm^2$

$A_o = 0,314 . 10^{-10}\ cm^2$

diâmetro

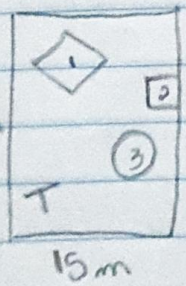
$0,02 . 10^{-4}\ cm$

$\frac{1}{0,02 . 10^{-4}} = 500000$ → uma fileira

$(500000)^2 = 25 . 10^{10}$ (C)

a superfície toda.

7-)



$A_1 = \frac{12 . 24}{2} = 144\ m^2$

$A_2 = (3,5)^2 = 12,25\ m^2$

$A_3 = \pi . 4^2 = 16 . \pi = 50,24\ m^2$

$A_T = 40 . 15 = 600\ m^2$

$600 - 144 - 12,25 - 50,24 = 393,51\ m^2$ (grama)

$1\ m^2$ — R$ 2,40

$393,51\ m^2$ — x

$x = 944,424$

R$ 944,40 (C)