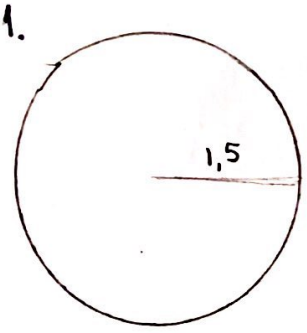
TAREFA: ÁREA DO CÍRCULO

1.



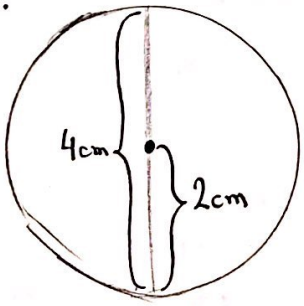
$2p = 2\pi r$
$2p = 2.3,4.1,5$
$2p = 6,28 . 1,5$
$2p = 9,42\ cm$

1L — 6Km
120L — x
$x = 120 . 6$
$x = 720\ Km$

720 / 9,42 → 76,43

R: C

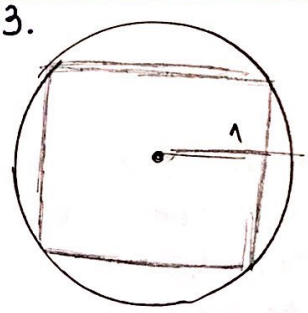
2.



$2p = 2\pi r . 10$
$2p = 2\pi . 2 . 10$
$2p = 40\pi$

R: C

3.



$O = \pi r^2$

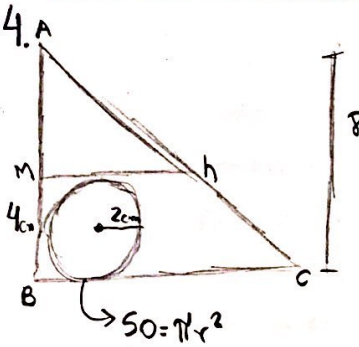
$\square = \frac{d^2}{2} \rightarrow \frac{(2r)^2}{2}$

$\pi r^2 - \frac{(2r)^2}{2} = \pi r^2 - \frac{4r^2}{2}$

$\pi r^2 - 2r^2 \rightarrow \pi - 2$

R: D

4.



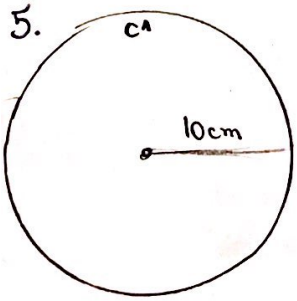
$S_{mnbc} = (8+4) \cdot 4 / 2$
$S_{mnbc} = 12 . 4 / 2 \rightarrow 24\ cm$

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

R: A

$S_O = \pi r^2$
$S_O = 3,1 . 2^2$
$S_O = 12,4\ cm^2$

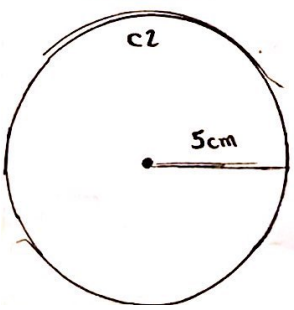
5.



$S_{c1} = \pi . 10^2$
$S_{c1} = 100\pi$

$100\pi - 10\pi$
10cm

R: C



$2p = 2\pi . 5$
$2p = 10\pi$

6.

$1cm^2 = 10mm$
superfície

$0,02 . 10^{-3}$
vírus

$\frac{10}{0,02 . 10^{-3}} \rightarrow 500000 \rightarrow 5 . 10^5$

$5 . 10^5 . 5 . 10^5 = 25 . 10^{10}$

R: C

7.

Terreno = 40.15 = $\lceil 600 m^2 \rfloor$

Casa = 24.12/2 = $\lceil 144 m^2 \rfloor$

Piscina = 3,14. 4^2 = $\lceil 50,24 m^2 \rfloor$

Vestiário = $3,5^2$ = $\lceil 12,25 m^2 \rfloor$

144 + 50,24 + 12,25 = $\lceil 206,49 \rfloor$

600 - 206,49 = $\lceil 393,51 \rfloor$

393,51 . 2,40 = 944,40

R: C