Área do círculo

1) $2p = 2\pi r$

$2p = 2 \cdot 3{,}14 \cdot 1{,}5$

$2p = 9{,}42$

$\frac{1}{120} \quad \frac{6}{x} \Rightarrow x = 6 \cdot 120$

$x = 720$

$\frac{720}{9{,}42}$

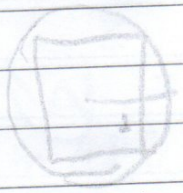
$76{,}43$

(C)

2) $2p = 2\pi r 10$

$2p = 2\pi 20$

$2p = 40\pi$ (C)

3) 

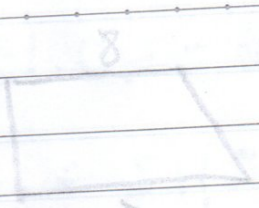
$A_o = \pi r^2$

$A_D = \frac{d^2}{2}$ $\quad d = 2r$

$\pi r^2 - \frac{2r^2}{2}$

$\pi - 2$ (D)

4)



$A = 24$

$\frac{8 + 4 \cdot 4}{2} = 24$

$A_o = 3,1 \cdot 2^2 = 12,4$

$24 - 12,4 = 11,6$ (A)

5)

$A_{c1} = \pi 10^2 = 100\pi$

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

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

10 cm (C)

6) $1\,cm = 10\,mm$

$\frac{10}{0,02 \cdot 10^{-3}} = 500\,000$ $\quad 5 \cdot 10^5$

$(5 \cdot 10^5)(5 \cdot 10^5) = 25 \cdot 10^{10}$ (C)

7) terreno = 40.15 = 600 m² //

casa (24.12)/2 = 144 m²

piscina 3,14.4² = 50,24 m²

V = 3,5² = 12,25 m²

144 + 50,24 + 12,25 = 206,49

600 - 206,49 = 393,51

393,51 . 2,40 = R$ 944,40 (C)