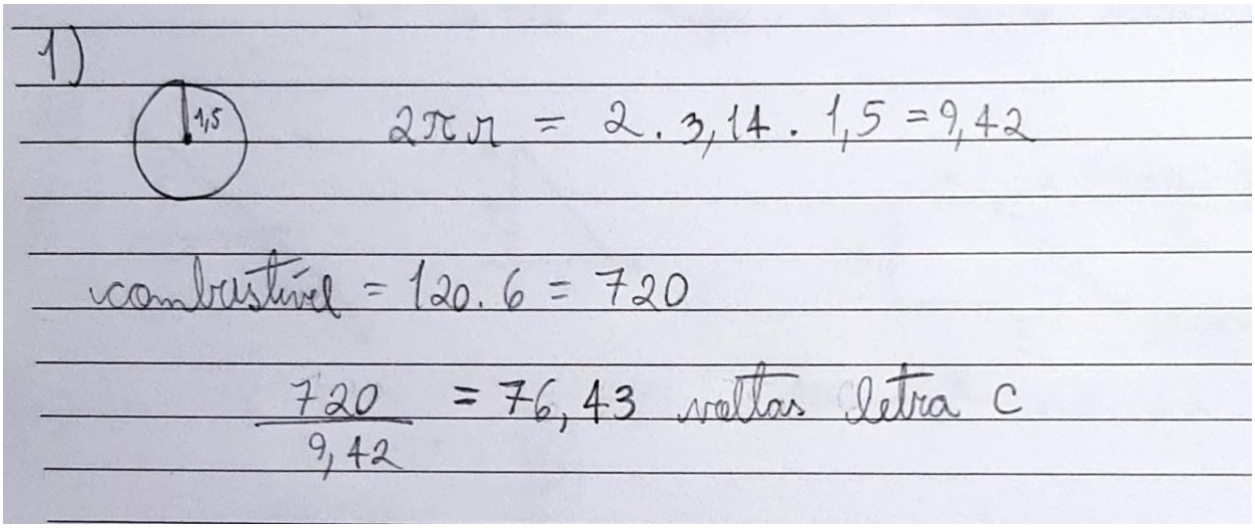
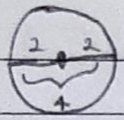
Nome: Victória Ferreira de Souza

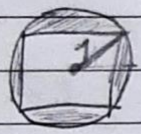
Sala: CTII 317



2) 

$2\pi r = 2\pi 2 = 4\pi$

$10 \cdot 4\pi = 40\pi$ cm letra C

3) 

$A_c = \pi r^2 = \pi$

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

$2 = l\sqrt{2}$

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

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

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

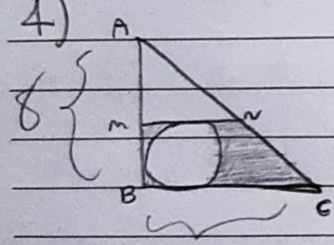
$l = \sqrt{2}$

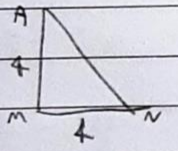
$A_{qua} = l^2$

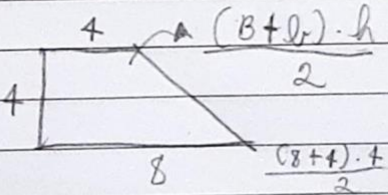
$A_{qua} = (\sqrt{2})^2$

$A_{qua} = 2$

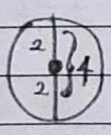
$\pi - 2$ letra D

4) 





$A_{tra} = \frac{12 \cdot 4}{2} = 6 \cdot 4 = 24$



$A_c = \pi r^2$

$A_c = 3{,}1 \cdot 2^2$

$A_c = 12{,}4$

$A_{hachu.} = 24 - 12{,}4 = 11{,}6$ letra A

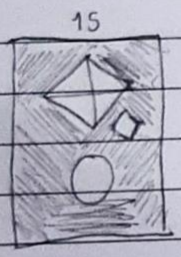
6) $0,02 \cdot 10^{-3}$ $A = 1 cm^2$ lado do quadrado:

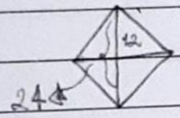
$l^2 = 100 = 10 mm$

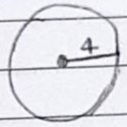
$$\frac{10}{(0,02 \cdot 10^{-3})} = 500.000$$

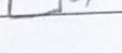
$5 \cdot 10^5 \cdot 5 \cdot 10^5 = 25 \cdot 10^{10}$ letra C

7)









$A_{retan} = l_r \cdot h = 40 \cdot 15 = 600 m^2$

$A_{losan} = \frac{D \cdot d}{2} = \frac{24 \cdot 12}{2} = \frac{288}{2} = 144 m^2$

$A_{cir} = \pi r^2 = 3,14 \cdot 4^2 = 50,24 m^2$

$A_{agua} = l^2 = 3,5^2 = 12,25 m^2$

$A_{retan} - (A_{losan} + A_{cir} + A_{agua})$

$600 - (144 + 50,24 + 12,25)$

$600 - 206,49 = 393,51 m^2$

R$ 2,40

$2,40 \cdot 393,51 = 944,42$ letra C