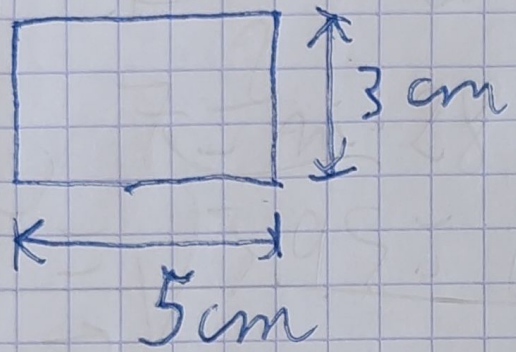
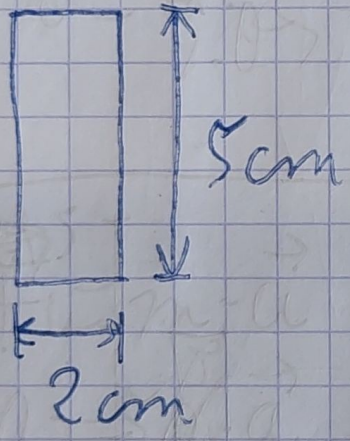
a)



$S = 5 \cdot 3 = 15\ cm^2$

$P = 5 + 5 + 3 + 3 = 16\ cm$

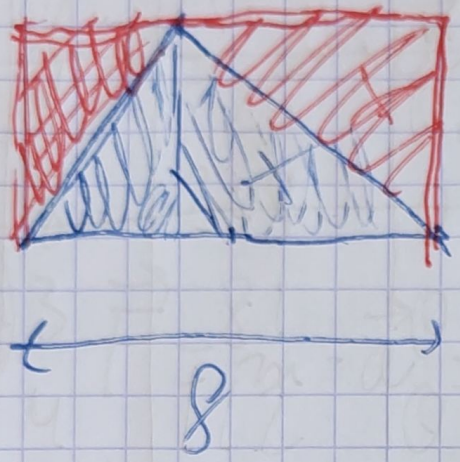
b)



$S = 2 \cdot 5 = 10\ cm^2$

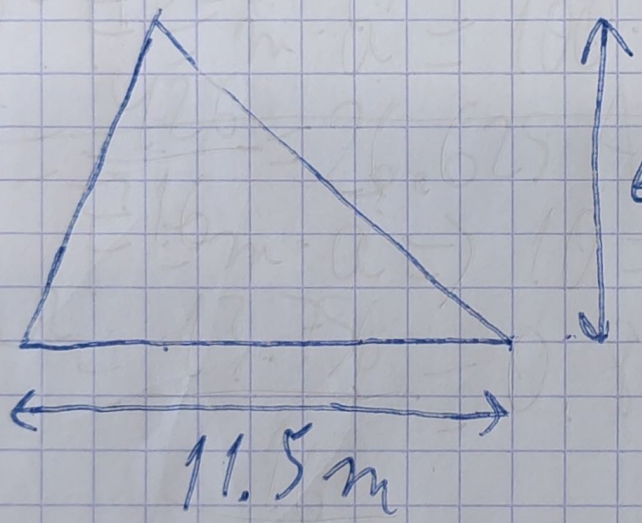
$P = 5 + 5 + 2 + 2 = 14\ cm$

a)

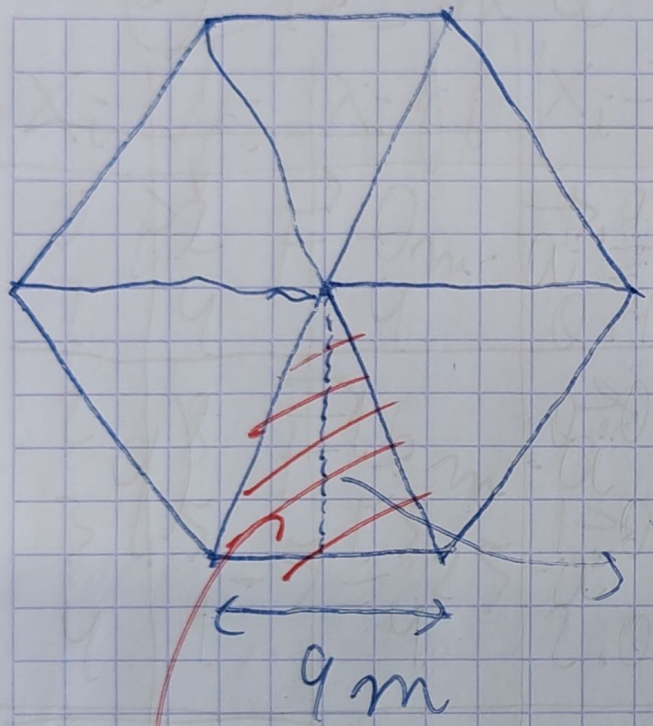


$$S = \frac{8 \cdot 4}{2} = 16$$

b)



$$S = \frac{11.5 \cdot 6}{2} = 34.5\ m^2$$



$$S = \frac{\text{Perímetro} \cdot \text{Apotema}}{2}$$

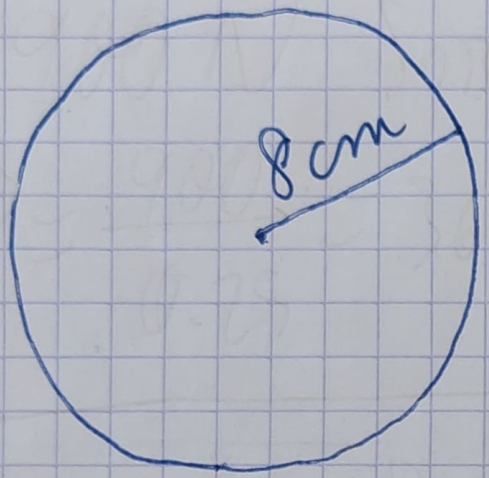
$$S = \frac{9.6 \cdot 7.79}{2} = 210.33\ m^2$$

$$S = \frac{9 \cdot 7.79}{2} = 35.055\ m^2$$

$\times 6$

$210.33\ m^2$

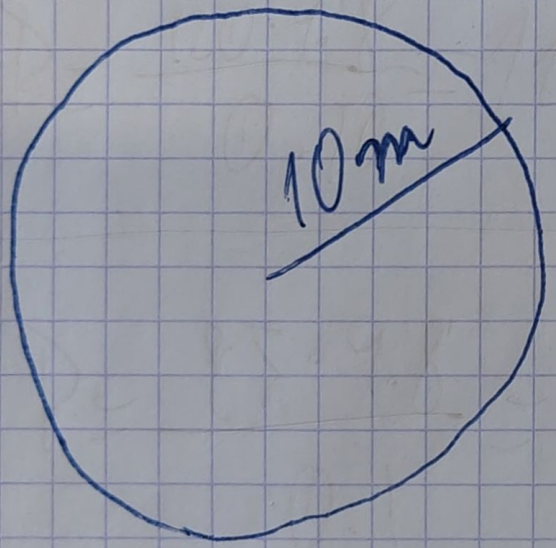
a)



$P = 2\pi r = 2 \cdot \pi \cdot 8 = 50.26\ cm$

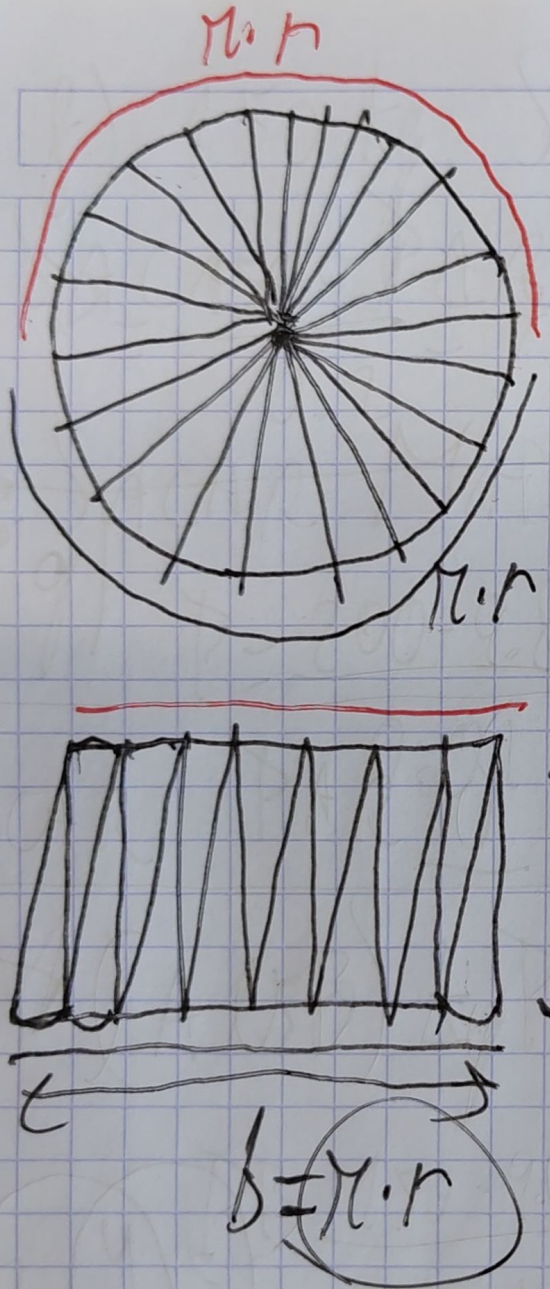
$S = \pi \cdot r^2 = \pi \cdot 8^2 = 201.06\ cm^2$

b)



$P = 2\pi r = 2\pi \cdot 10 = 62.83\ m$

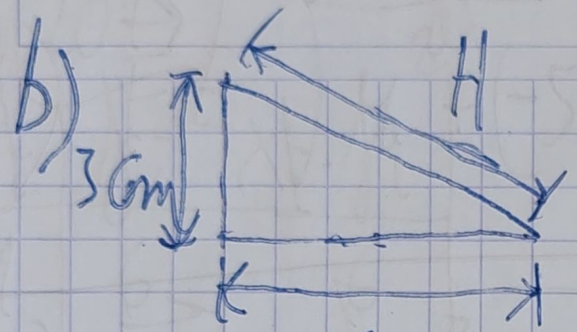
$S = \pi \cdot r^2 = \pi \cdot 10^2 = 314.16\ m^2$



$$P = 2 \cdot \pi \cdot r$$

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

b)



$H^2 = a^2 + b^2$

$H^2 = 3^2 + 6^2$

$H^2 = 9 + 36$

$H^2 = 45 \Rightarrow \quad H \cdot H = 45$

$H = \sqrt{45} = 6.7 \text{ cm}$

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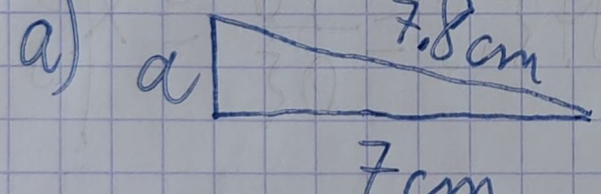
a)



$H^2 = a^2 + b^2$

$7.8^2 = a^2 + 7^2$

$60.84 = a^2 + 49$

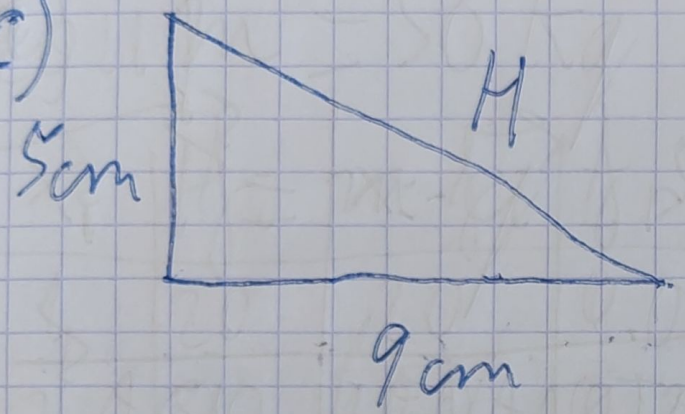
$60.84 - 49 = a^2$

$11.84 = a^2$

$a = \sqrt{11.84}$

$a = 3.44 \text{ cm}$

c)



$5^2 = 5 \cdot 5$

$5^3 = 5 \cdot 5 \cdot 5$

$H^2 = a^2 + b^2$

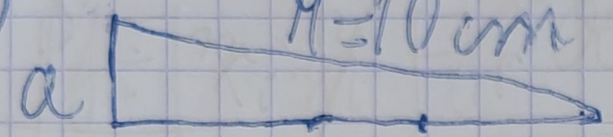
$H^2 = 5^2 + 9^2$

$H^2 = 25 + 81$

$H^2 = 106 \Rightarrow H \cdot H = 106$

$H = \sqrt{106} = 10.3\ cm$

d)



$H^2 = a^2 + b^2$

$10^2 = a^2 + 9^2$

$100 = a^2 + 81$

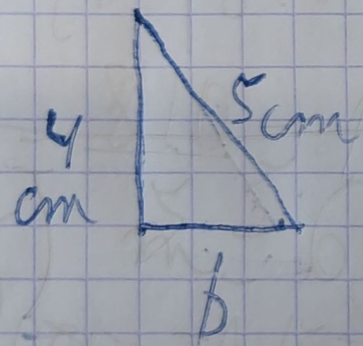
$100 - 81 = a^2$

$19 = a^2$

$a = \sqrt{19} = 4{,}36$ cm

---

c)



$H^2 = a^2 + b^2$

$5^2 = 4^2 + b^2$

$25 = 16 + b^2$

$25 - 16 = b^2$

$9 = b^2$

$b = \sqrt{9} = 3$ cm