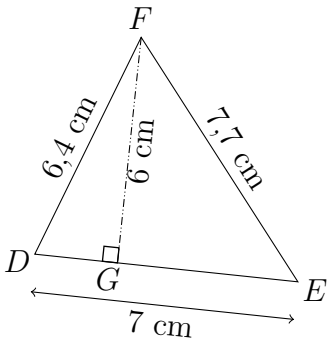
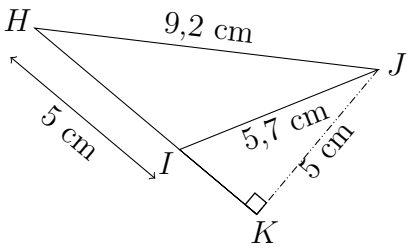
EX 1 Calculer l'aire des triangles suivants

6M20

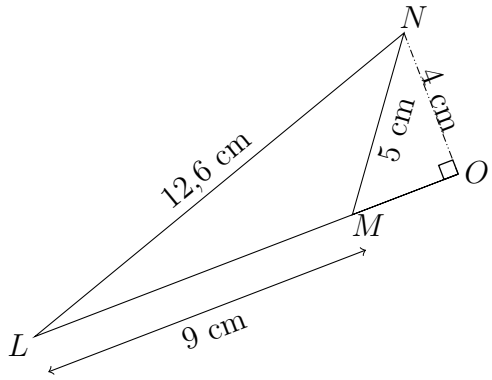
1.



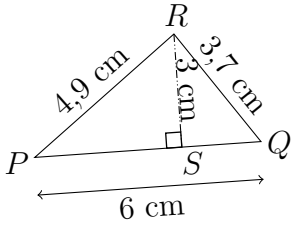
2.



3.



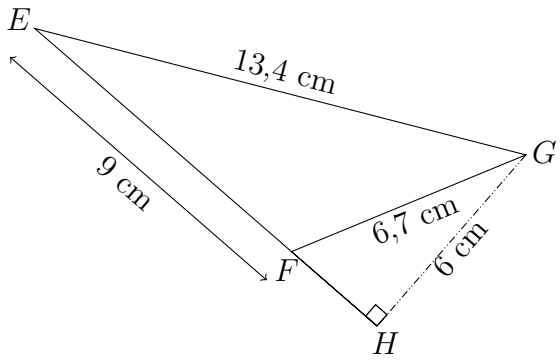
4.



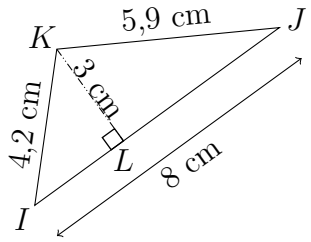
EX 2 Calculer l'aire des triangles suivants

6M20

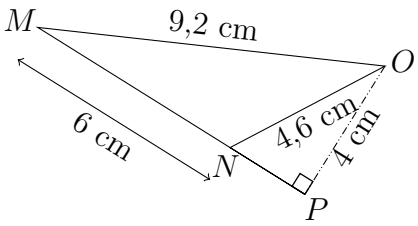
1.



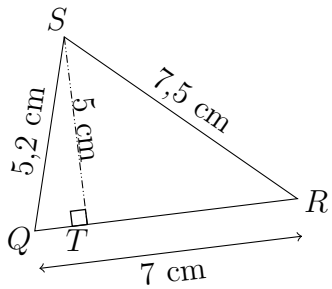
2.



3.



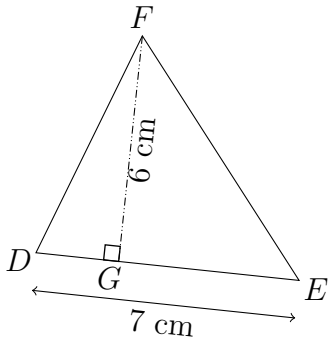
4.



Corrections

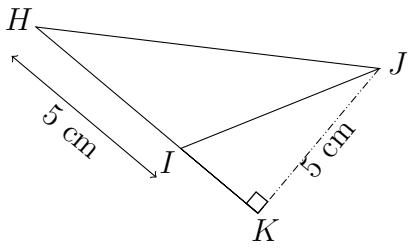
EX 1

1.



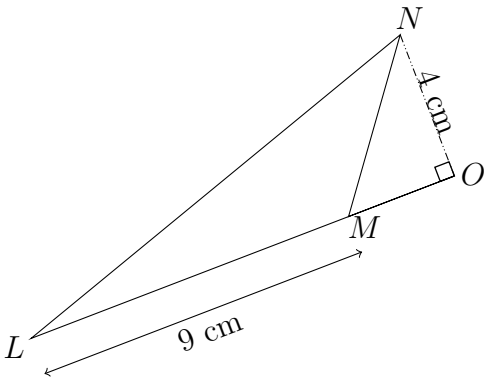
$$\mathcal{A}_{DEF} = \frac{1}{2} \times DE \times GF = \frac{1}{2} \times 7 \text{ cm} \times 6 \text{ cm} = 21 \text{ cm}^2$$

2.



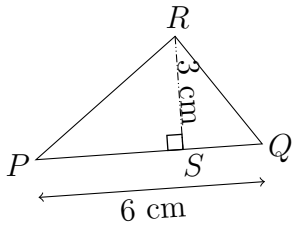
$$\mathcal{A}_{HIJ} = \frac{1}{2} \times HI \times KJ = \frac{1}{2} \times 5 \text{ cm} \times 5 \text{ cm} = 12{,}5 \text{ cm}^2$$

3.



$$\mathcal{A}_{LMN} = \frac{1}{2} \times LM \times ON = \frac{1}{2} \times 9 \text{ cm} \times 4 \text{ cm} = 18 \text{ cm}^2$$

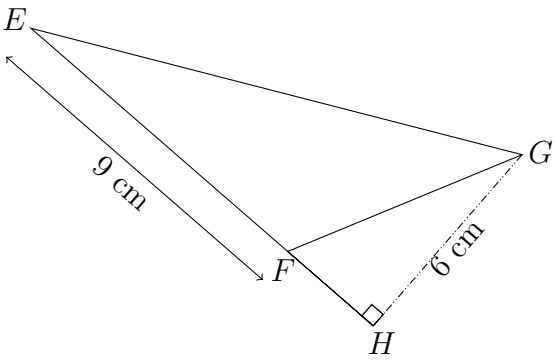
4.



$\mathcal{A}_{PQR} = \dfrac{1}{2} \times PQ \times SR = \dfrac{1}{2} \times 6 \text{ cm} \times 3 \text{ cm} = 9 \text{ cm}^2$

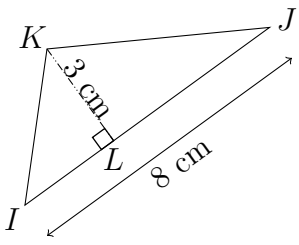
EX 2

1.



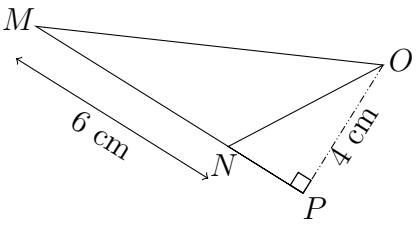
$\mathcal{A}_{EFG} = \dfrac{1}{2} \times EF \times HG = \dfrac{1}{2} \times 9 \text{ cm} \times 6 \text{ cm} = 27 \text{ cm}^2$

2.



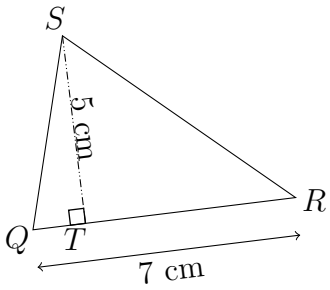
$\mathcal{A}_{IJK} = \dfrac{1}{2} \times IJ \times LK = \dfrac{1}{2} \times 8 \text{ cm} \times 3 \text{ cm} = 12 \text{ cm}^2$

3.



$\mathcal{A}_{MNO} = \dfrac{1}{2} \times MN \times PO = \dfrac{1}{2} \times 6 \text{ cm} \times 4 \text{ cm} = 12 \text{ cm}^2$

4.



$\mathcal{A}_{QRS} = \dfrac{1}{2} \times QR \times TS = \dfrac{1}{2} \times 7 \text{ cm} \times 5 \text{ cm} = 17{,}5 \text{ cm}^2$