

Mathématiques - 6ème
Correction de l'Évaluation n°8

► **Exercice 1 :**

version A

$\widehat{PDM} = 164^\circ$
angle obtus

$\widehat{RTV} = 173^\circ$
angle obtus

$\widehat{YUH} = 20^\circ$
angle aigu

$\widehat{KAN} = 17^\circ$
angle aigu

version B

$\widehat{QIE} = 118^\circ$
angle obtus

$\widehat{JSA} = 104^\circ$
angle obtus

$\widehat{HCK} = 21^\circ$
angle aigu

$\widehat{YWV} = 16^\circ$
angle aigu

version C

$\widehat{SCZ} = 143^\circ$
angle obtus

$\widehat{PJA} = 90^\circ$
angle droit

$\widehat{UDY} = 15^\circ$
angle aigu

$\widehat{NXF} = 16^\circ$
angle aigu

version D

$\widehat{ELK} = 169^\circ$
angle obtus

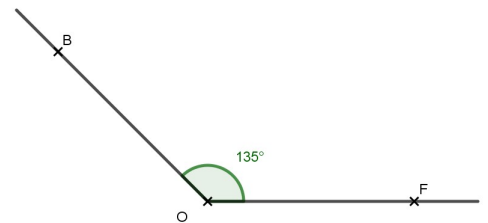
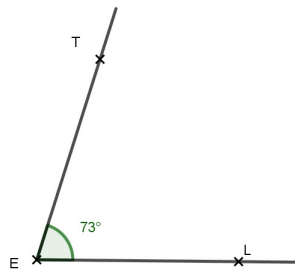
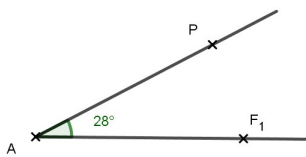
$\widehat{AIJ} = 165^\circ$
angle obtus

$\widehat{ZSM} = 17^\circ$
angle aigu

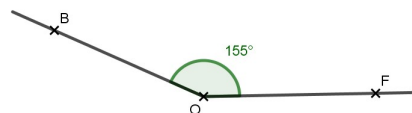
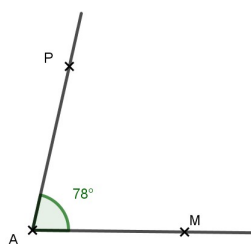
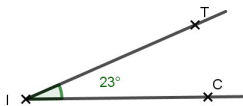
$\widehat{BPN} = 16^\circ$
angle aigu

► **Exercice 2 :**

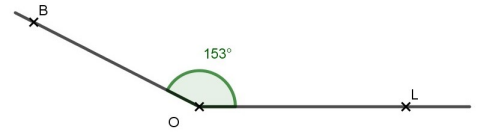
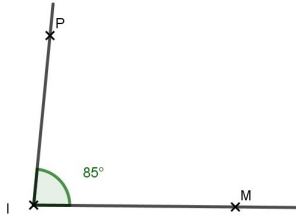
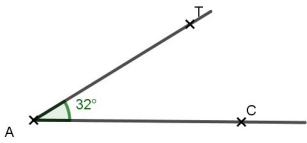
version A



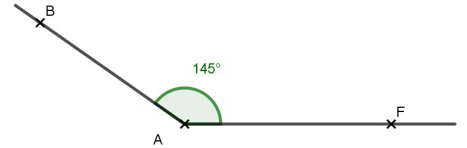
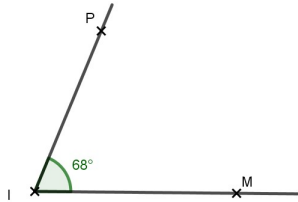
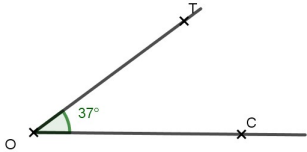
version B



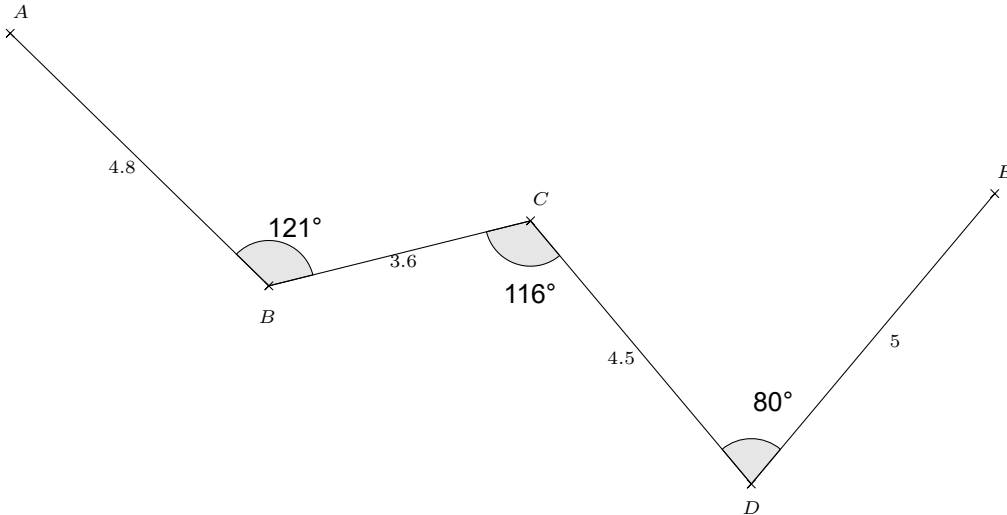
version C



version D



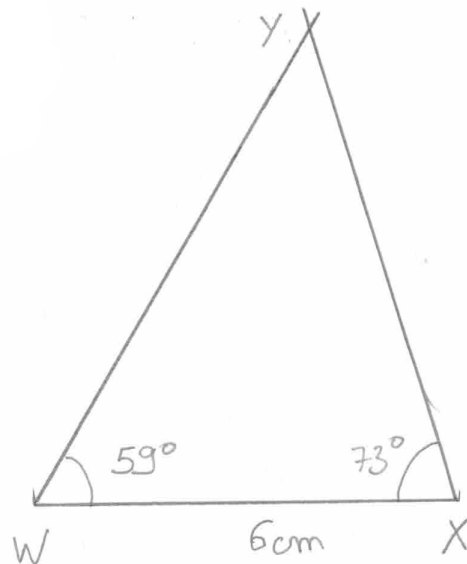
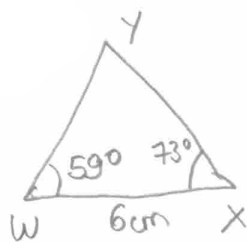
► **Exercice 3 :**



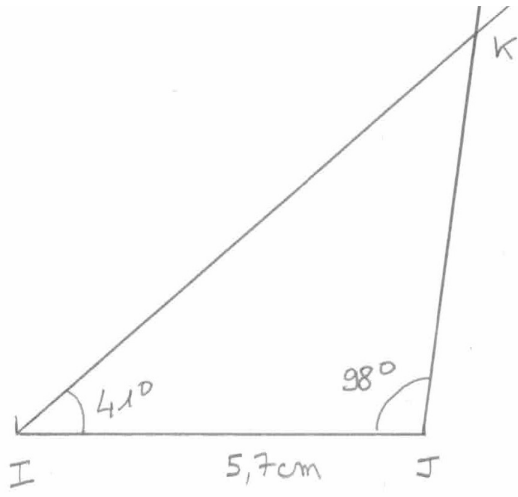
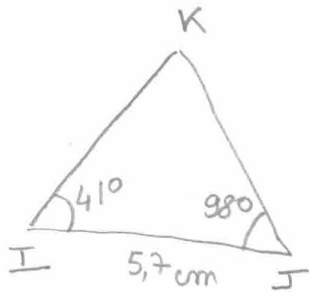
► **Exercice 4 :**

versions A et C

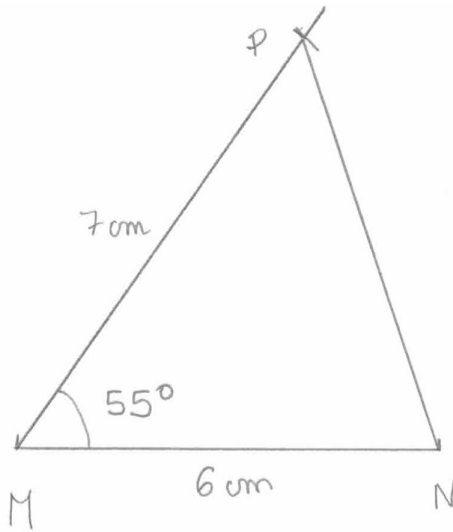
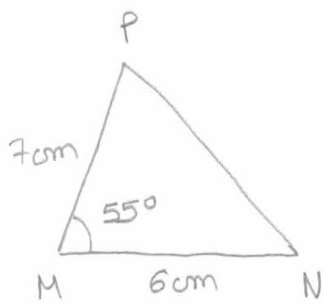
1. .



2.

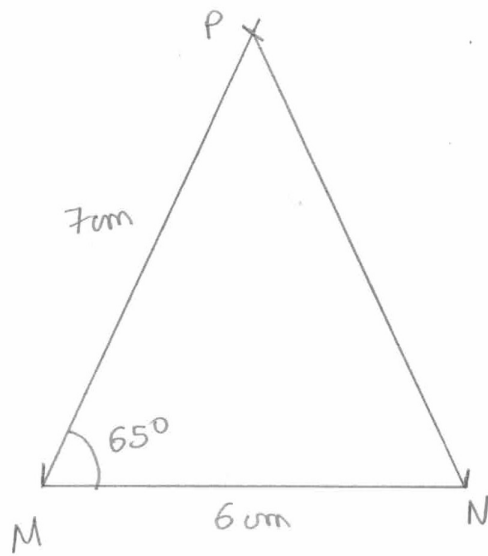
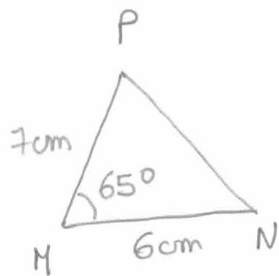


3.

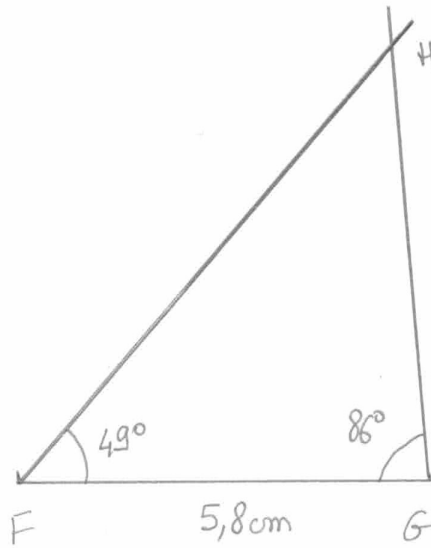
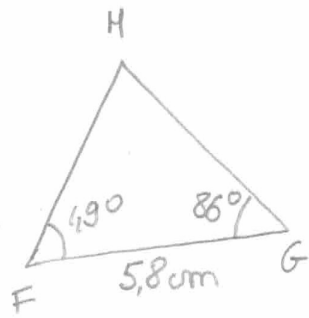


versions B et D

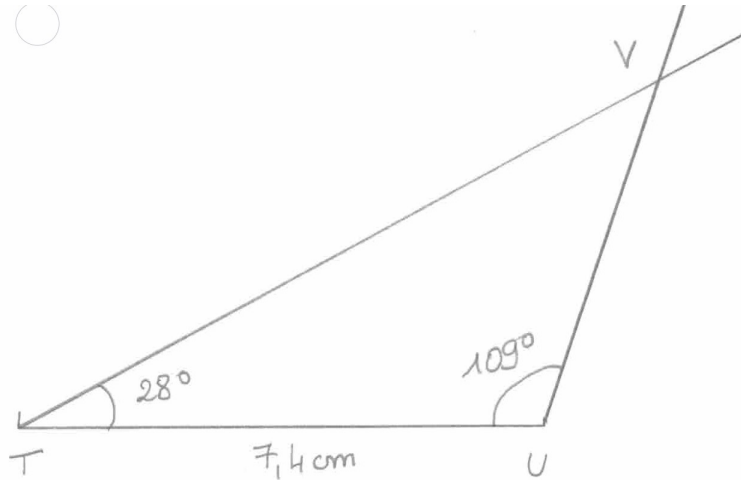
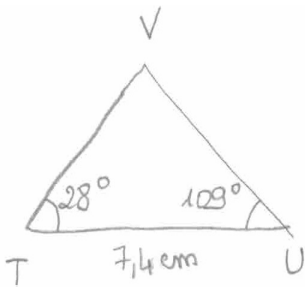
1.



2.



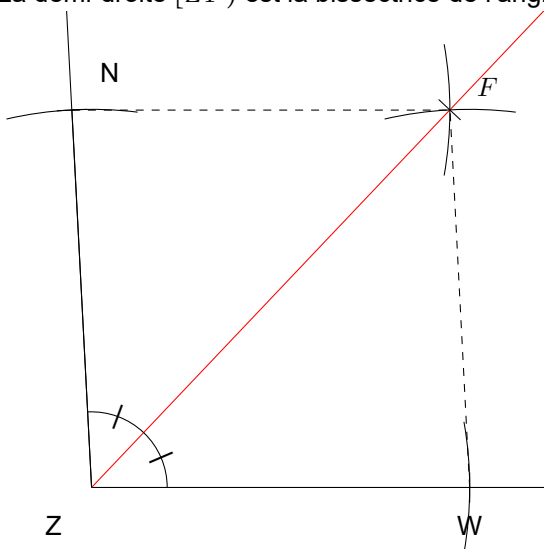
3. .



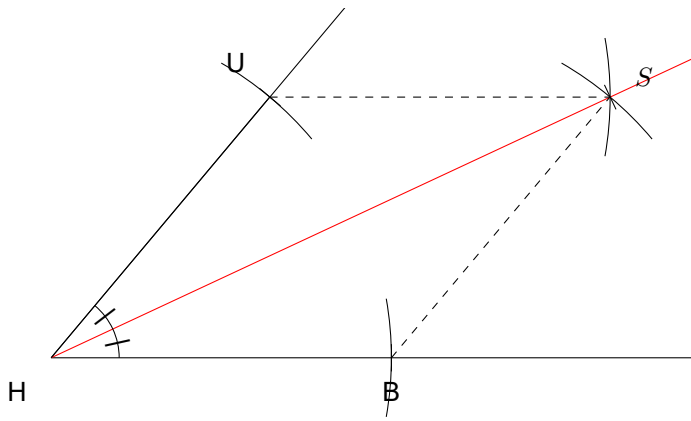
► **Exercice 5 :**

versions A et C

1. La demi-droite $[ZF)$ est la bissectrice de l'angle \widehat{WZN} .

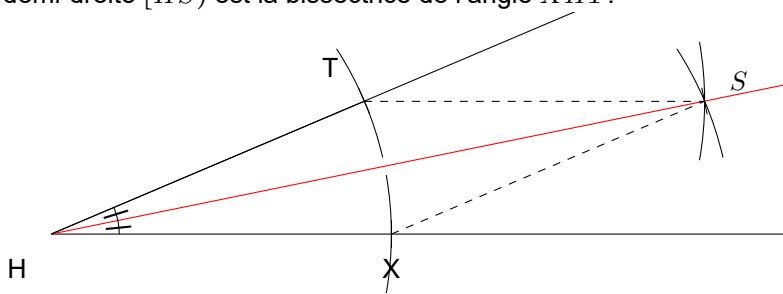


2. La demi-droite $[HS)$ est la bissectrice de l'angle \widehat{BHU} .

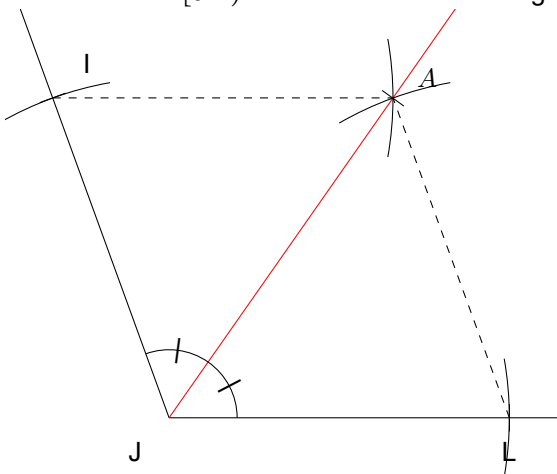


versions B et D

1. La demi-droite $[HS)$ est la bissectrice de l'angle \widehat{XHT} .



2. La demi-droite $[JA)$ est la bissectrice de l'angle \widehat{LJI} .



► Exercice Bonus :

Il suffit de reproduire le triangle ABC :

- On trace un segment de longueur BC.
- On trace un arc de cercle de centre C et de rayon AC.
- On trace un arc de cercle de centre B et de rayon BA.
- L'intersection des deux arcs de cercle est le point A.
- On trace ensuite la demi-droite [BA).

