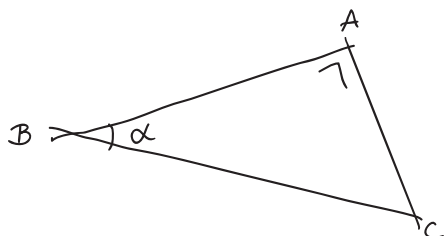


**ES3 Calculs d'angles**

Calcule la valeur des angles demandés de chaque figure.

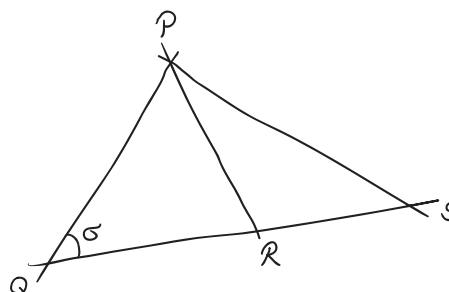
a)  $\alpha = 47^\circ$



$\widehat{ACB} =$  \_\_\_\_\_

b)  $\sigma = 37^\circ$

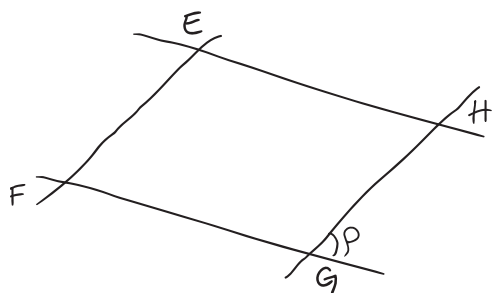
$RP = RQ = RS$



$\widehat{PRQ} =$  \_\_\_\_\_

$\widehat{PSR} =$  \_\_\_\_\_

c)  $\rho = 58^\circ$  et  $EFGH$  est un parallélogramme.

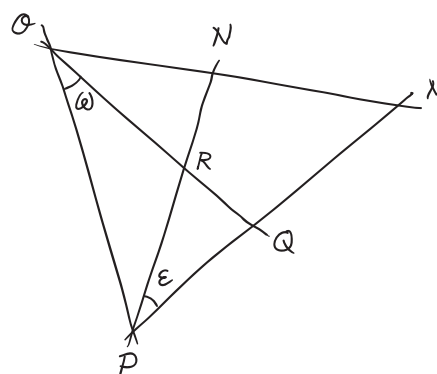


$\widehat{HEF} =$  \_\_\_\_\_

$\widehat{EFG} =$  \_\_\_\_\_

d)  $\omega = 30^\circ$  et  $\varepsilon = 16^\circ$

$PN$  et  $OQ$  sont deux hauteurs du triangle  $MOP$ .



$\widehat{OPN} =$  \_\_\_\_\_

$\widehat{OMP} =$  \_\_\_\_\_

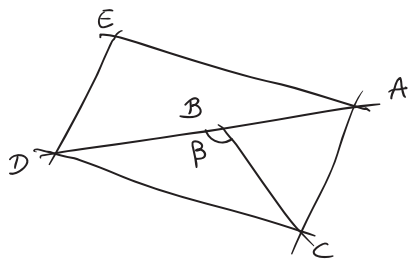
$\widehat{MOP} =$  \_\_\_\_\_

**SUITE →**

- e)  $\beta = 94^\circ$  et  $BD = BC$

Le triangle  $ABC$  est isocèle de sommet  $B$ .

$ACDE$  est un parallélogramme.



$$\widehat{BDC} = \underline{\hspace{2cm}}$$

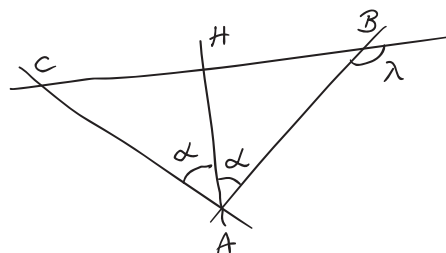
$$\widehat{BCD} = \underline{\hspace{2cm}}$$

$$\widehat{EAC} = \underline{\hspace{2cm}}$$

$$\widehat{AED} = \underline{\hspace{2cm}}$$

- f) Le triangle  $ABC$  est rectangle en  $A$  et isocèle.

$AH$  est une médiane.



$$\widehat{ABC} = \underline{\hspace{2cm}}$$

$$\lambda = \underline{\hspace{2cm}}$$