

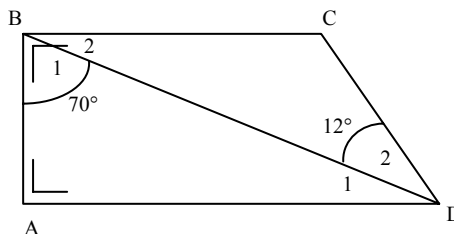
## Exercices supplémentaires sur les angles

Calcule l'amplitude des angles inconnus dans les figures ci-dessous :

a)

$$\hat{B}_2 = \quad \hat{D}_1 =$$

$$\hat{C} = \quad \hat{D} =$$



b)

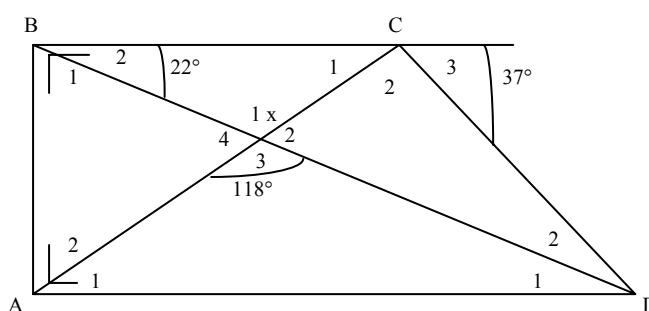
$$\hat{A}_1 = \quad \hat{X}_1 =$$

$$\hat{A}_2 = \quad \hat{X}_2 =$$

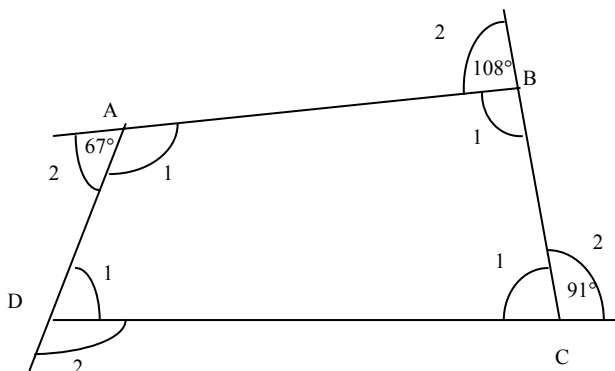
$$\hat{B}_1 = \quad \hat{X}_4 =$$

$$\hat{C}_1 = \quad \hat{D}_1 =$$

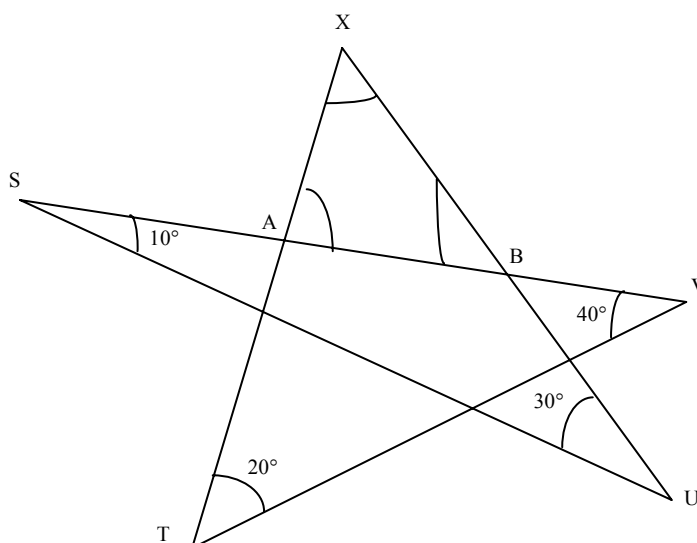
$$\hat{C}_2 = \quad \hat{D}_2 =$$



c)  $\hat{D}_2 =$



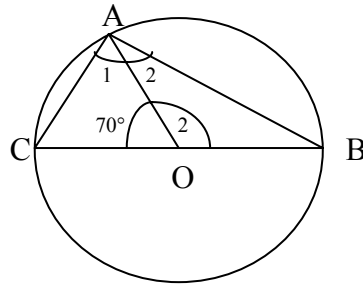
d)  $\hat{X} =$



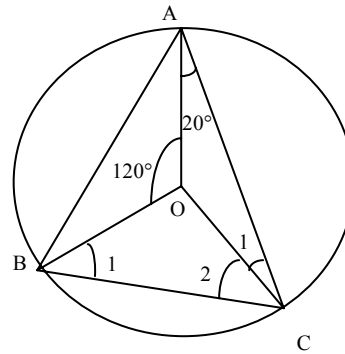
e)

$$\hat{B} =$$

$$\hat{C} =$$



f) Calcule l'amplitude de  $\hat{B}_1$ .



<b>SOLUTIONS</b>					
<b>a)</b>	<b>b)</b>	<b>c)</b>	<b>d)</b>	<b>e)</b>	<b>f)</b>
$ \hat{B}_2  = 20^\circ$	$ \hat{X}_1  = 118^\circ$	$ \hat{D}_2  = 94^\circ$	$ \hat{X}  = 80^\circ$	$ \hat{B}  = 35^\circ$	$ \hat{B}_1  = 40^\circ$
$ \hat{D}_1  = 20^\circ$	$ \hat{X}_2  = 62^\circ$			$ \hat{C}  = 55^\circ$	
$ \hat{D}  = 32^\circ$	$ \hat{X}_4  = 62^\circ$				
$ \hat{C}  = 148^\circ$	$ \hat{C}_1  = 40^\circ$				
	$ \hat{A}_1  = 40^\circ$				
	$ \hat{A}_2  = 50^\circ$				
	$ \hat{B}_1  = 68^\circ$				
	$ \hat{C}_2  = 103^\circ$				
	$ \hat{D}_1  = 22^\circ$				
	$ \hat{D}_2  = 15^\circ$				

Si vous constatez qu'une erreur s'est malencontreusement glissée dans ce document, merci d'avertir Pascal Pasleau ([pascal.pasleau@csgn.be](mailto:pascal.pasleau@csgn.be)) en stipulant la référence du document et le numéro de l'exercice incriminé.