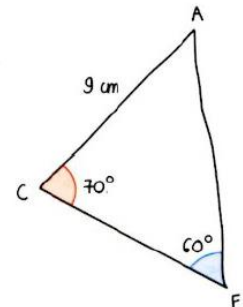
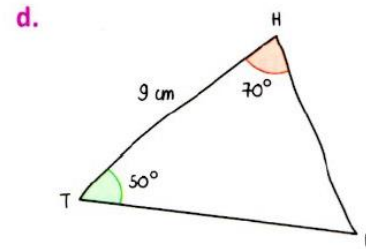
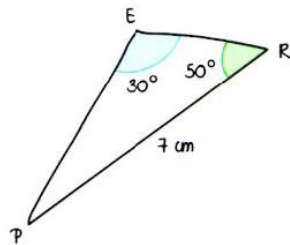
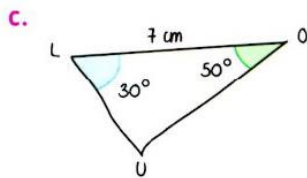
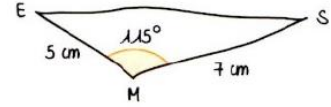
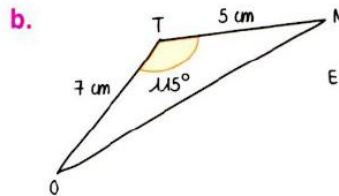
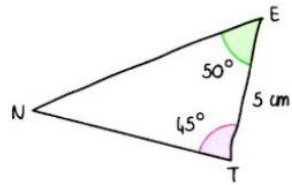
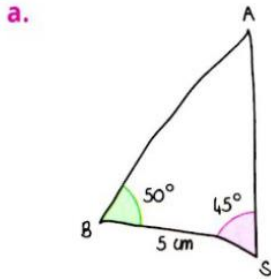


# Fiche d'Exercices : Triangles égaux

## Exercice 1 :

Le professeur demande de tracer un triangle DEF tel que  $DE = 8\text{ cm}$ ,  $EF = 6\text{ cm}$  et  $\widehat{DEF} = 30^\circ$ .  
Est-ce que toute la classe aura obligatoirement un triangle égal au tien ? Justifie ta réponse.

## Exercice 2 : Ces triangles tracés à main levée sont-ils égaux ? Justifie.

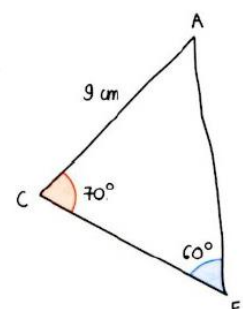
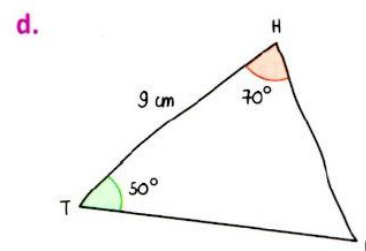
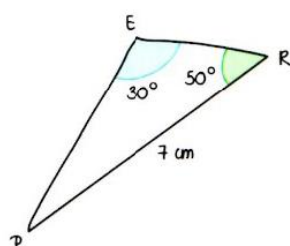
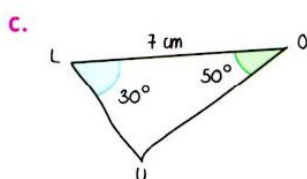
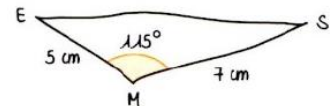
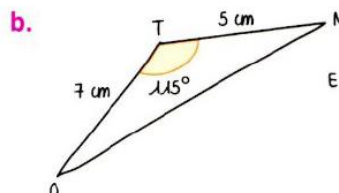
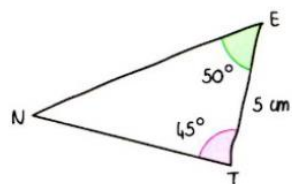
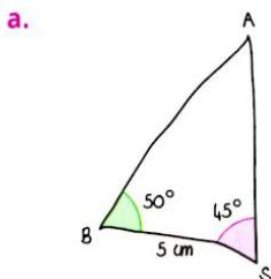


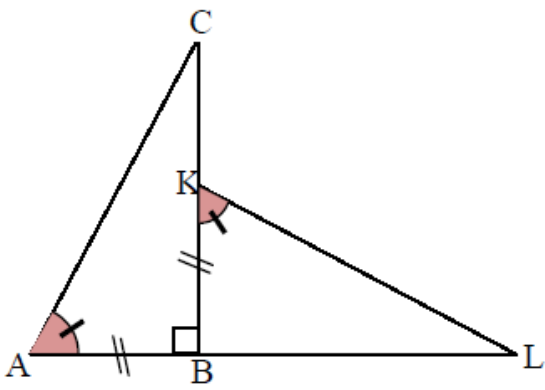
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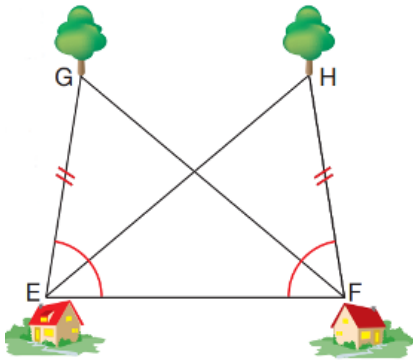
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Sur la figure ci-contre, les points A, B et L sont alignés.

Démontre que les triangles ABC et KBL sont égaux.

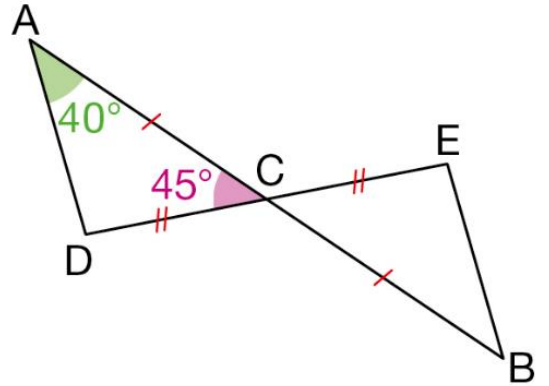
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Détermine en justifiant la mesure de l'angle  $\widehat{CEB}$ .



**Exercice 5 :**

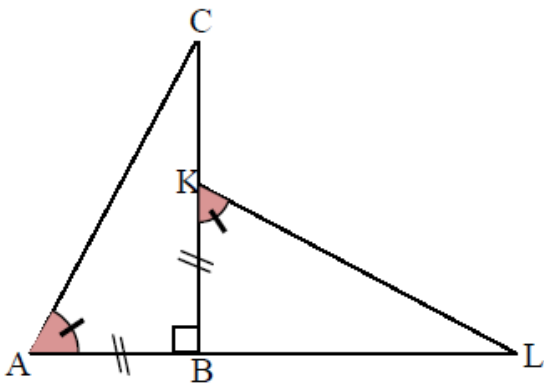
Démontre que  $GF = EH$ .



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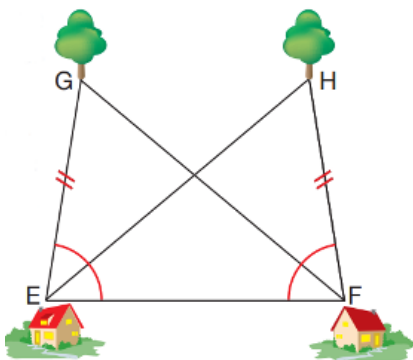
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