

SERIE 4 Théorème de Thalès

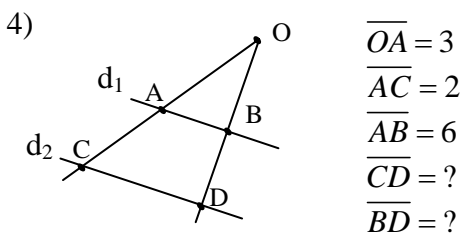
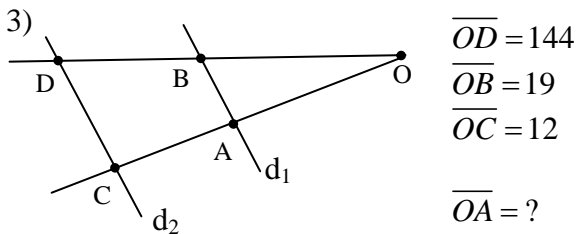
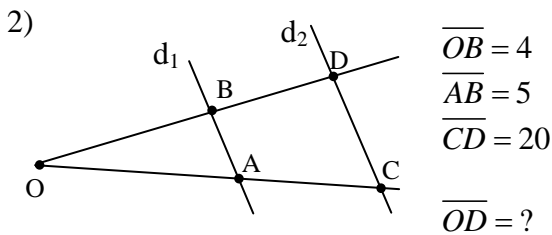
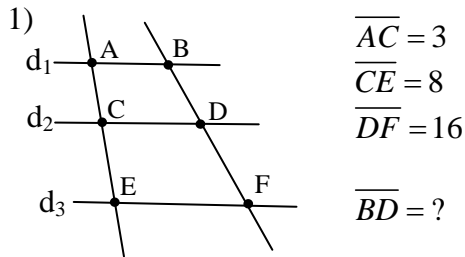
Calculatrice autorisée

Exercices supplémentaires

Exercice 1 :

On considère sur tous les **croquis** que $d_1 \parallel d_2 \parallel d_3$.
Calculer dans chaque cas les longueurs demandées.

Unités : cm



Réponses :

1) $\overline{BD} = 6$ cm

3) $\overline{OA} = 1,58$ cm

2) $\overline{OD} = 16$ cm

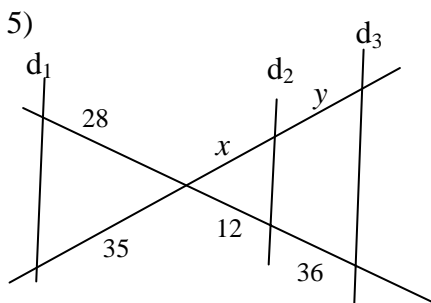
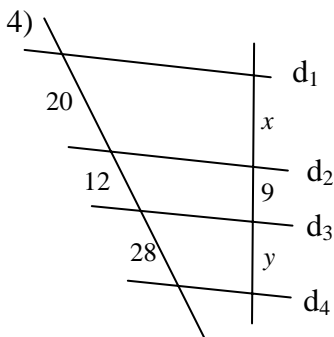
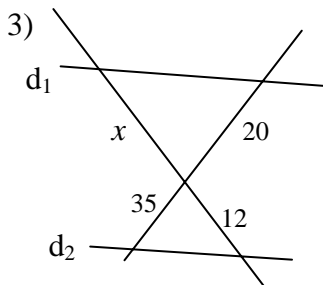
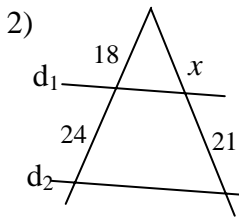
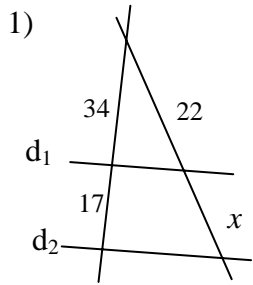
4) $\overline{CD} = 10$ cm

et \overline{BD} ne peut être calculé

Exercice 2 :

On considère sur tous les **croquis** que $d_1 \parallel d_2 \parallel d_3 \parallel d_4$.
Calculer dans chaque cas les dimensions inconnues.

Unités : mm



Réponses :

1) $x = 11$ mm

4) $x = 15$ mm et $y = 21$ mm

2) $x = 15,75$ mm

5) $x = 15$ mm et $y = 45$ mm

3) $x = 6,86$ mm