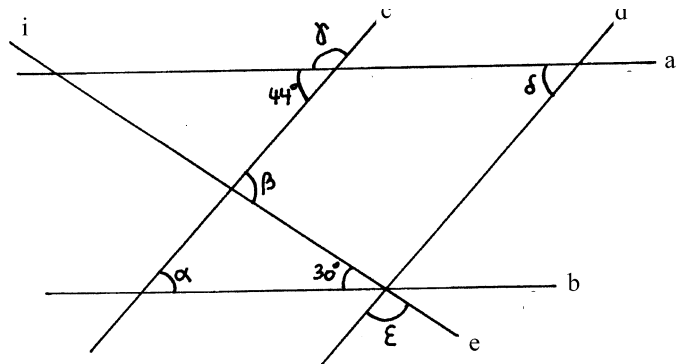


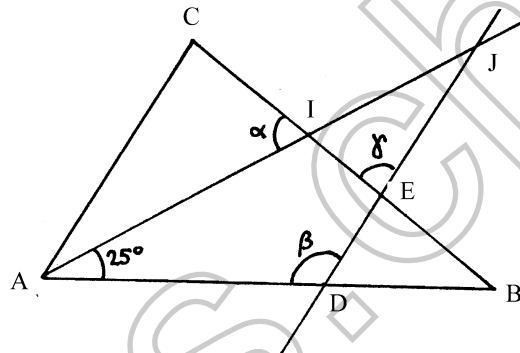
maths 9-10-11 ES – Figures géométriques planes – angles - test

Nom : Prénom : Classe :

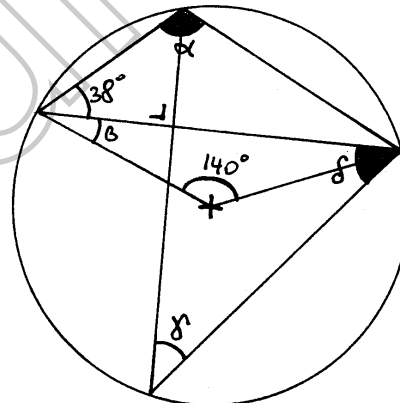
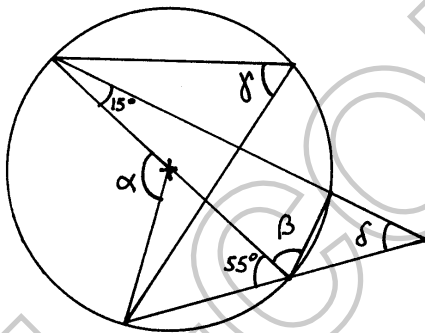
Exercice 1 : Calculer $\alpha, \beta, \gamma, \delta, \varepsilon$.
 $a \parallel b$; $c \parallel d$.



Exercice 2 : AI est bissectrice de l'angle CAB, $DE \parallel AC$, $[IA] = [IB]$.
 Calculer α, β, γ .



Exercice 3 : Dans les deux cas ci-dessous, calculer $\alpha, \beta, \gamma, \delta$.



Exercice 4 : Construire tous les cercles de rayon r tangents à deux cercles donnés $c_1(O_1; r_1)$ et $c_2(O_2; r_2)$
 $r = 3 \text{ cm} / O_1O_2 = 7 \text{ cm} / r_1 = 6 \text{ cm} / r_2 = 5 \text{ cm}$