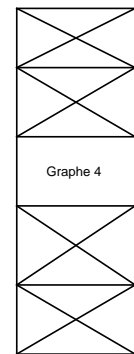
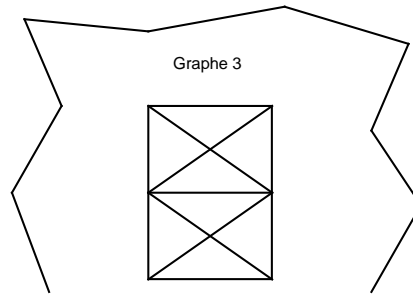
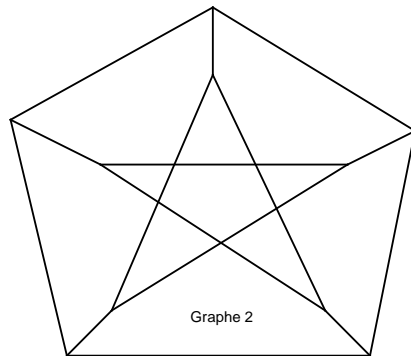
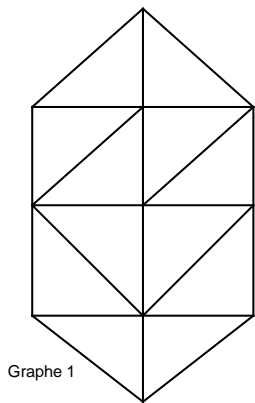


THEORIE DES GRAPHES

TD N°4

Exercice 1 : Déterminer α , β , γ et q pour les 4 graphes suivants :



Exercice 2 : Montrer que $\alpha(G) \leq \theta(G)$

Exercice 3 : Montrer que $\beta(G) \geq n - m$

Exercice 4 : Montrer que $\gamma(G) \times \alpha(G) \geq n$

Exercice 5 : Montrer que $\gamma(G) + \alpha(G) \leq n + 1$