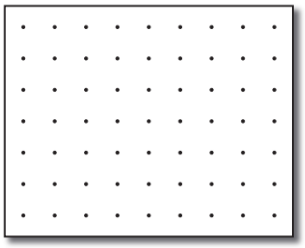
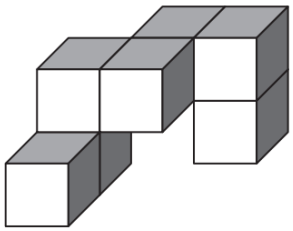
« *Bien penser consiste à se poser beaucoup de questions.* » Catriona Agg

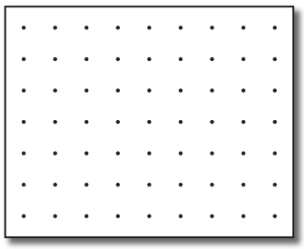
Exercice 1

Vue de dessus

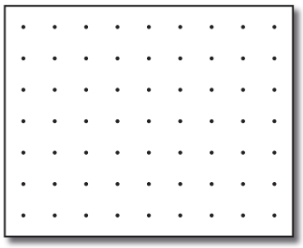




Vue de face

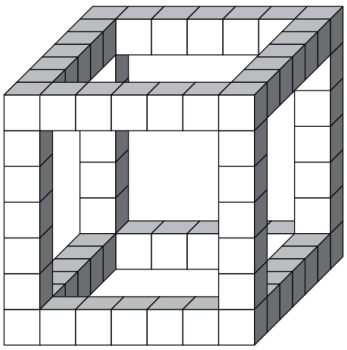


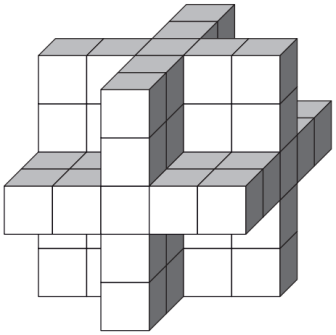
Vue du côté droit

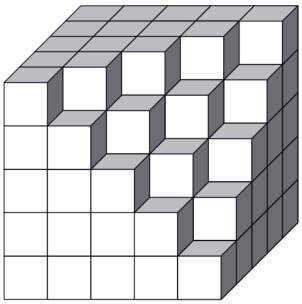


Exercice 2

Combien de petits cubes faut-il pour construire (en les collant) chaque structure ?

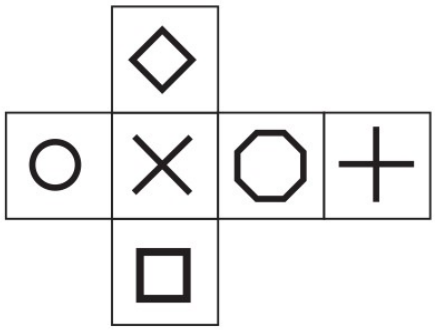


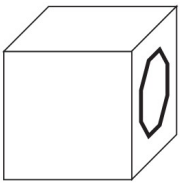


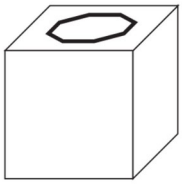


Exercice 3

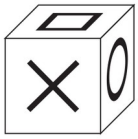
Dessiner sur les représentations du cube les motifs qui figurent sur les faces du patron (Il y a peut-être plusieurs solutions ?…).



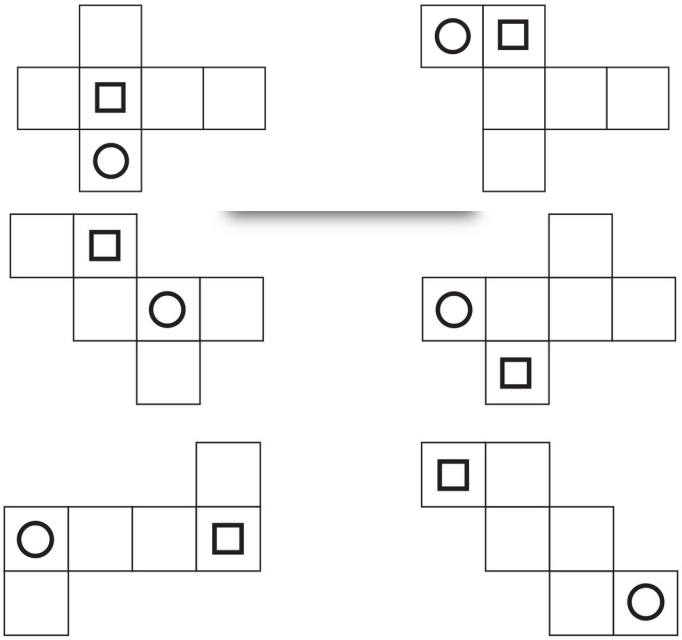




Exercice 4



Compléter chaque patron du cube avec des cercles, des carrés et des croix de façon à ce que deux faces opposées du cube comportent le même signe.



Volumes

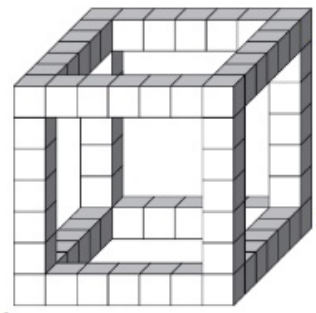
Exercice 1

Voir le sujet

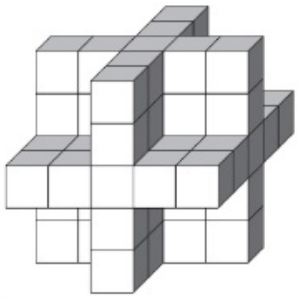
Exercice 2

Le centimètre cube (cm^3) est une unité de volume : il correspond au volume d'un cube d'un cm de côté.

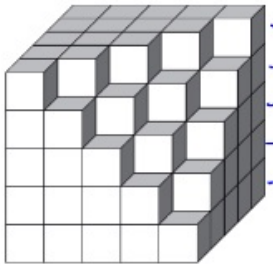
$1\ cm^3$: 



Structure 1 : $(24 \times 2) + (5 \times 4) = 68$

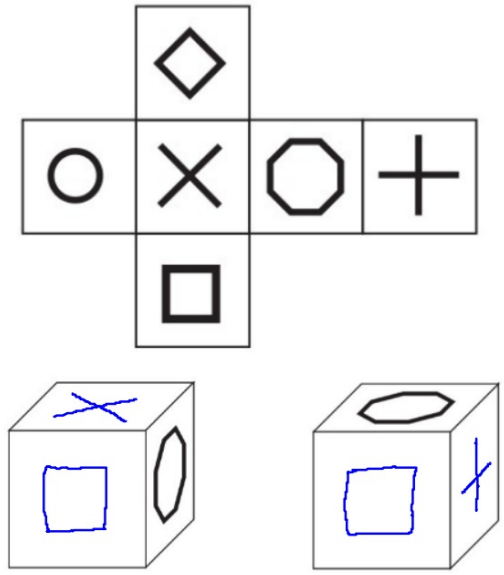


Structure 2 : $(18 \times 2) + (5 \times 5) = 61$



Structure 3 : $15 + 19 + 22 + 24 + 25 = 105$

Esercizio 3



Exercice 4