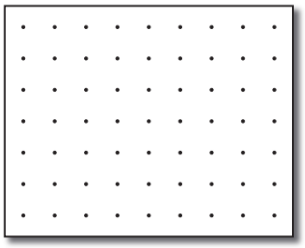
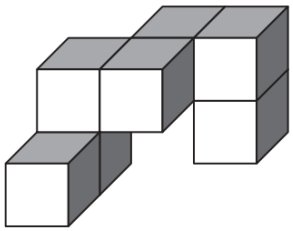
« *Bien penser consiste à se poser beaucoup de questions.* » Catriona Agg

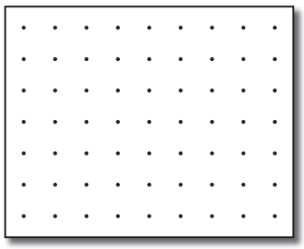
## Exercice 1

*Vue de dessus*

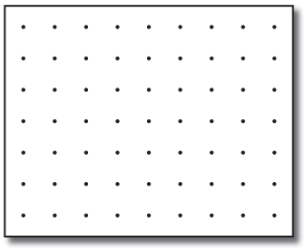




*Vue de face*

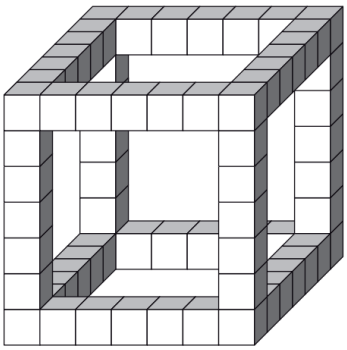


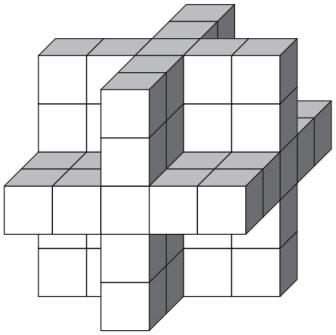
*Vue du côté droit*

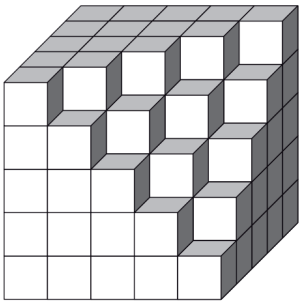


## Exercice 2

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

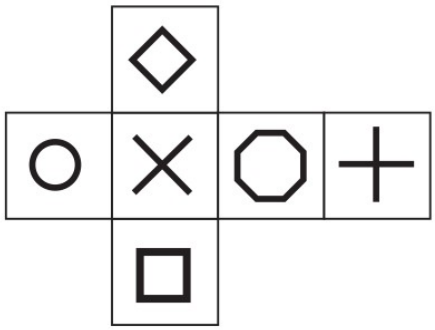


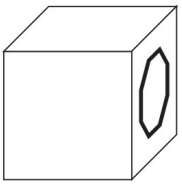


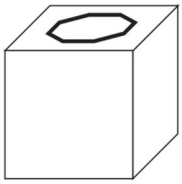


## Exercice 3

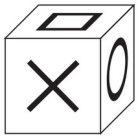
Dessiner sur les représentations du cube les motifs qui figurent sur les faces du patron (Il y a peut-être plusieurs solutions ?…).



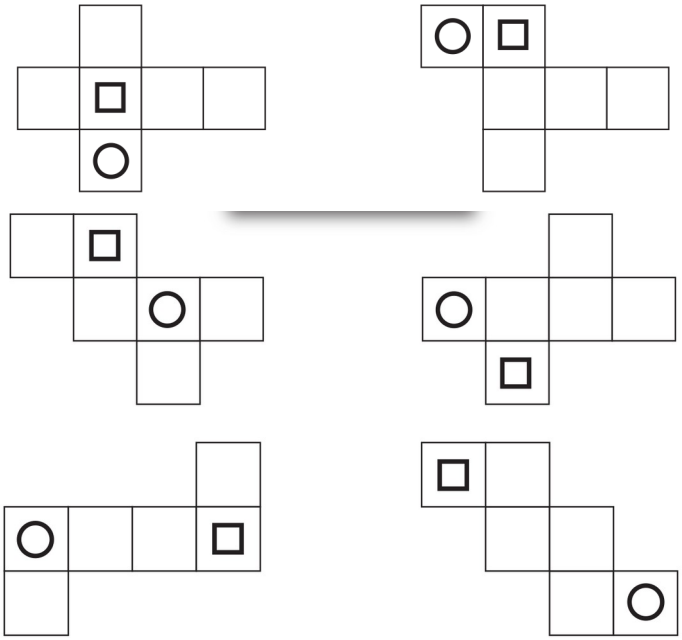




## Exercice 4

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.

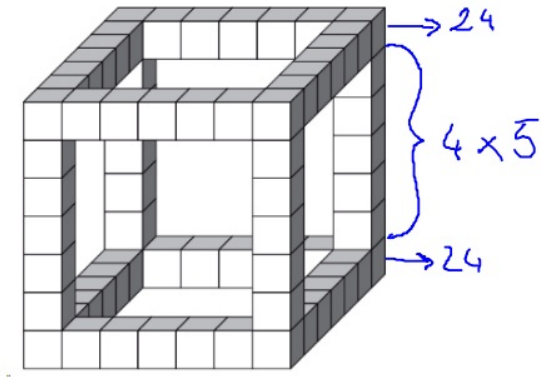


# Volumes

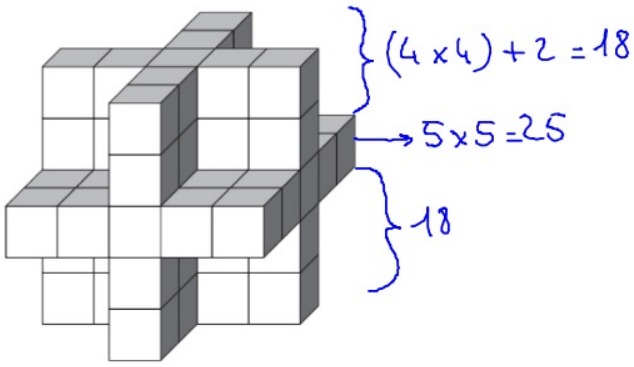
## Exercice 1

Voir le sujet

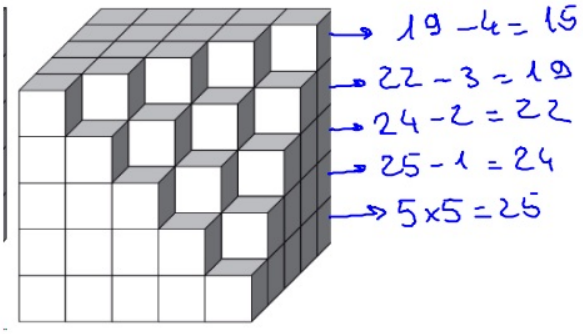
# Exercice 2




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




$(18 \times 2) + 25 = 61$

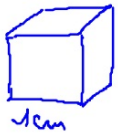



$25 + 24 + 22 + 19 + 15$

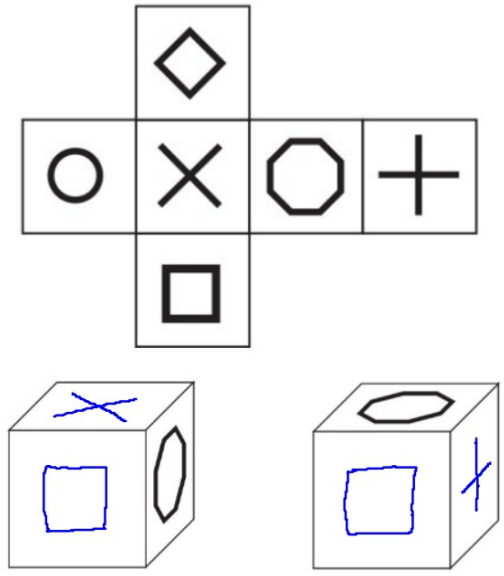
$= 105$

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

$1\ cm^3$ :



## Esercizio 3



## Exercice 4