

SEMAINE DES MATHS

Matériel :

- Une boîte de blocs multibases ou des petits blocs lego
- Fiche d'activité
- Crayon
- Papier quadrillé

# ACTIVITÉ

## -CONSTRUCTIONS EN TROIS DIMENSIONS-



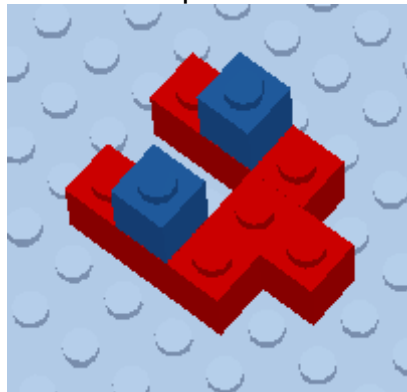
### Solutions



Voici les solutions :

#### Figure 1

Solution unique

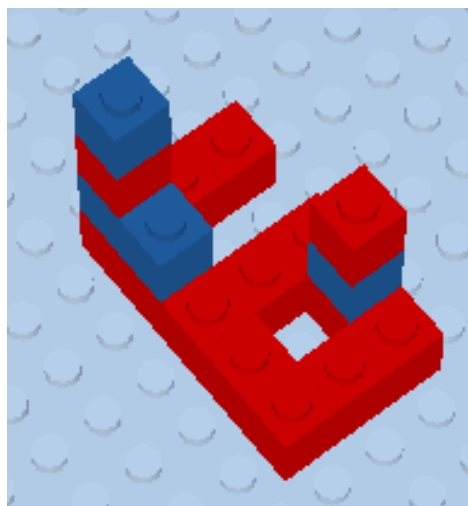


Nombre de blocs : 10

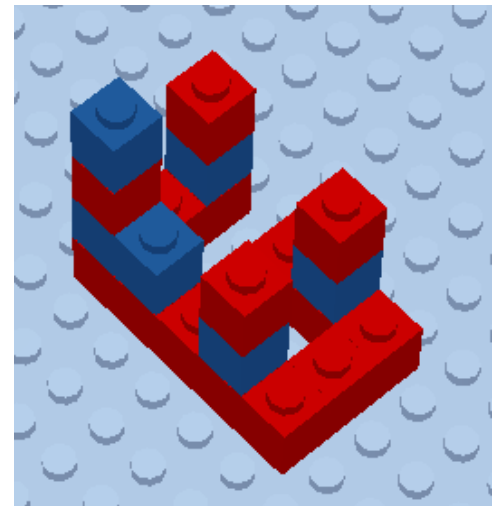
#### Figure 2

Plusieurs solutions possibles

Nombre de blocs minimal : 18



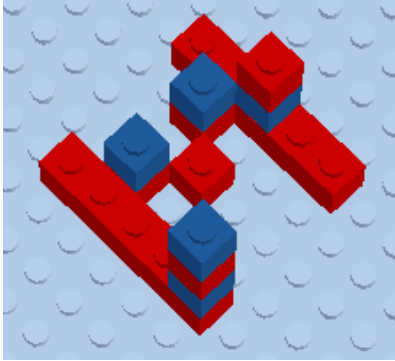
Nombre de blocs maximal : 22



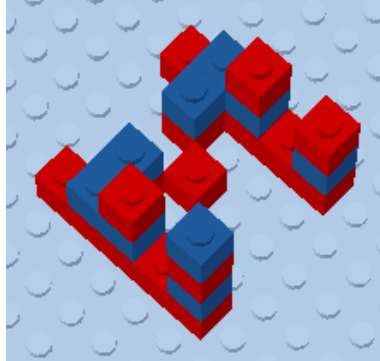
### Figure 3

Plusieurs solutions possibles

Nombre de blocs minimal : 20



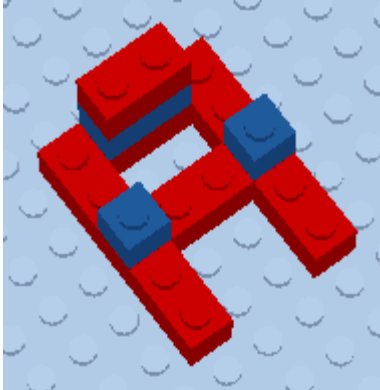
Nombre de blocs maximal : 26



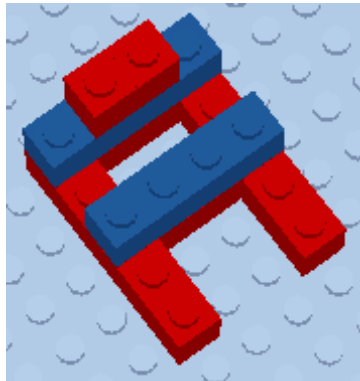
### Figure 4

Plusieurs solutions possibles

Nombre de blocs minimal : 20

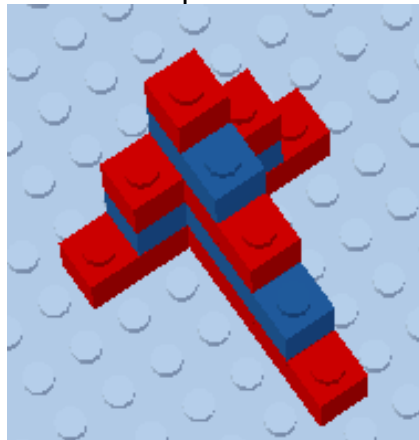


Nombre de blocs maximal : 24



### Figure 5

Solution unique

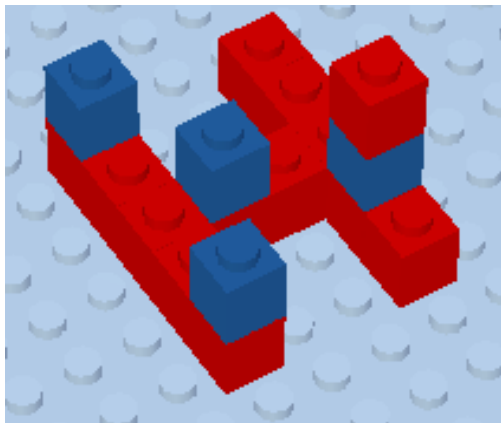


Nombre de blocs : 23

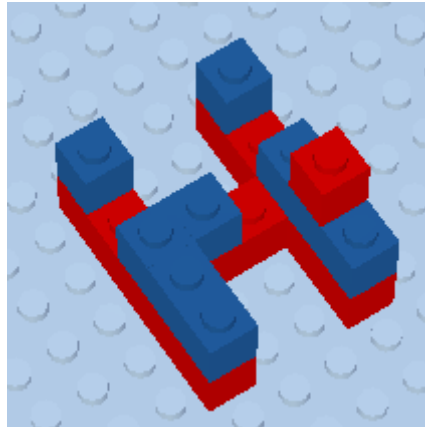
## Figure 6

Plusieurs solutions possibles

Nombre de blocs minimal: 17



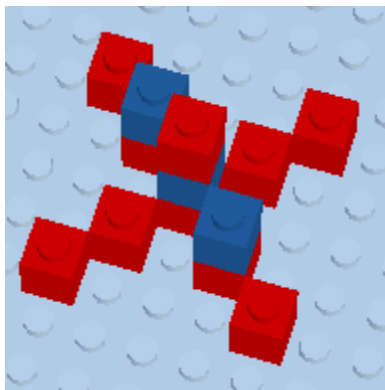
Nombre de blocs maximal : 22



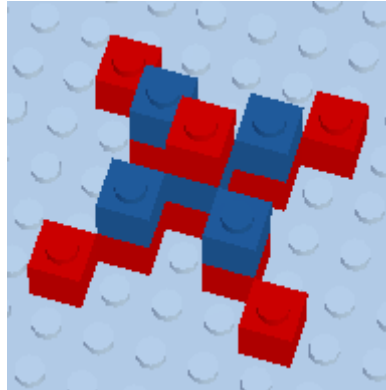
## Figure 7

Plusieurs solutions possibles

Nombre de blocs minimal : 13



Nombre de blocs maximal : 15



Note : Les figures sont construites avec [www.buildwithchrome.com](http://www.buildwithchrome.com) .