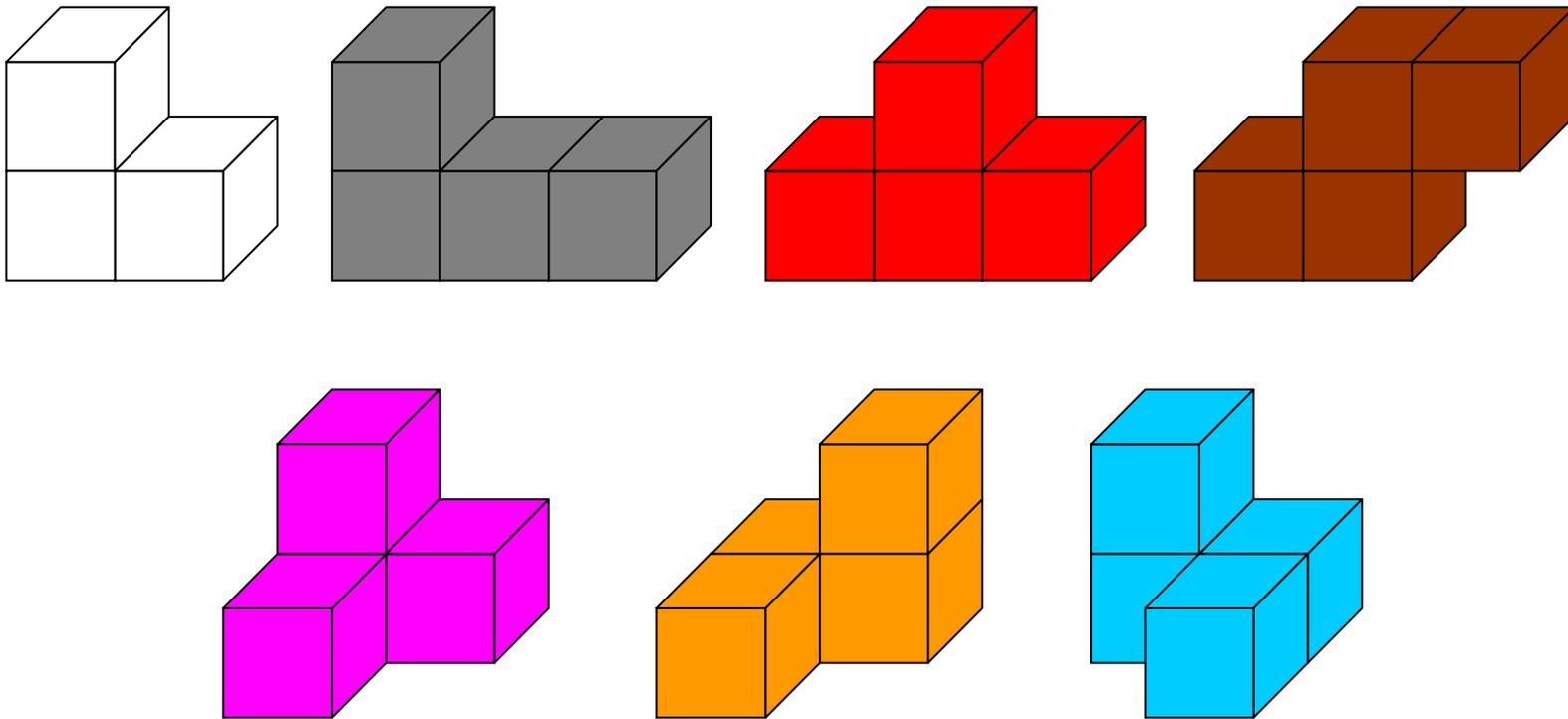


ÉTAPE APRÈS ÉTAPE, AVEC LES PIÈCES DU CUBE SOMA (Partie 3)



http://apmeplorraine.fr/IMG/pdf/16_soma_a1.pdf

Cette seconde partie reprend des dessins de solides imaginés par des élèves de collège et se trouvent dans les compléments du stand « 16 - Le cube SOMA » de l'exposition de notre régionale.

En 2019, l'envie est venue de reprendre ces étapes de construction pour les proposer à de jeunes enfants et les adultes de leur entourage. Les propositions des pages 25, 26 et 27 intéresseront les enfants plus âgés et les adultes.

<http://apmeplorraine.fr/spip.php?article412> Les couleurs sont celles utilisées lors des utilisations dans le département de la Meuse et dans les documents déposés sur le site de la régionale APMEP Lorraine.

http://apmeplorraine.fr/IMG/pdf/1_polycubes_2019.pdf Les utilisateurs de notre exposition régionale retrouveront des pièces de mêmes couleurs parmi les pièces proposées dans le stand « 1 - Polycubes ».

En complément

https://www.apmep.fr/IMG/pdf/Cube_Soma_TE_FD.pdf

Étape par étape, neuf façons différentes de construire le cube avec les sept pièces.

http://apmeplorraine.fr/IMG/pdf/16_2019_cube_codage_perspective.pdf

Étape par étape, les neuf façons précédentes sont reprises et codées en utilisant les couleurs des pièces.

<https://melusine.eu.org/syracuse/poulecl/Cubes/Cubes.pdf>

De la page 27 à la page 31, des constructions pièce par pièce d'un certain nombre de solides.

https://www.educmat.fr/categories/jeux_reflexion/fiches_jeux/cubesoma/index.php

Des propositions de construction avec 3, 4, 5, 6 ou 7 pièces. Les étapes pièce par pièce ne sont pas fournies.

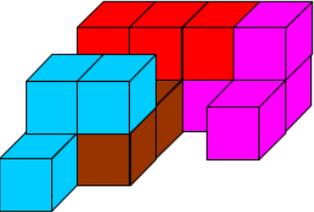
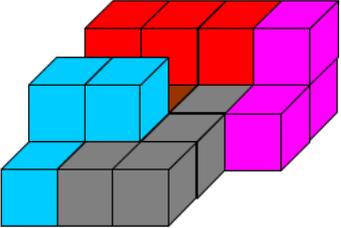
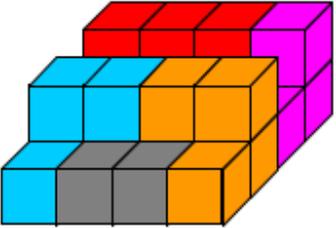
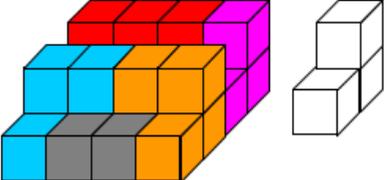
<https://fam-bundgaard.dk/SOMA/SOMA.HTM>

Depuis un certain nombre d'années, c'est le site de référence des amateurs du cube SOMA.

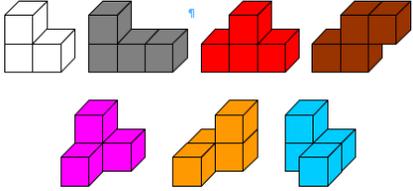
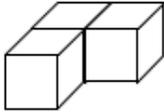
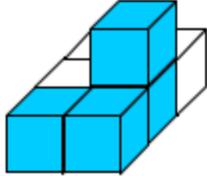
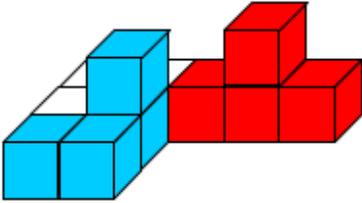
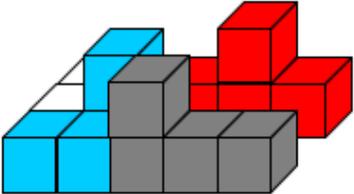
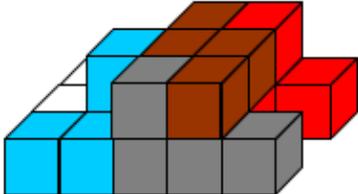
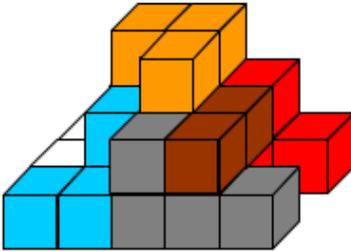
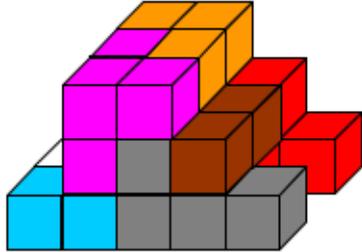
https://www.educmat.fr/categories/jeux_reflexion/fiches_jeux/cubesoma/thorleif.pdf

De très nombreuses réalisations avec les sept pièces. Les étapes pièces par pièce ne sont pas fournies.

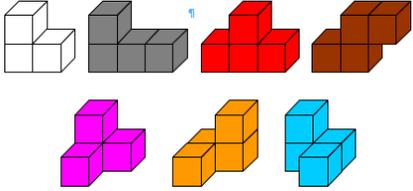
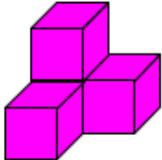
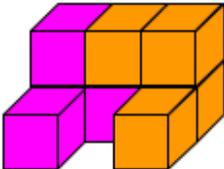
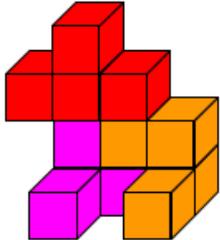
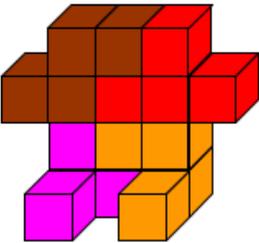
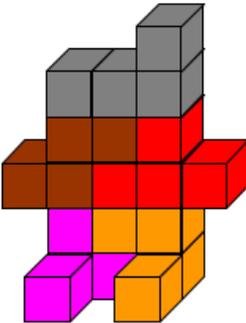
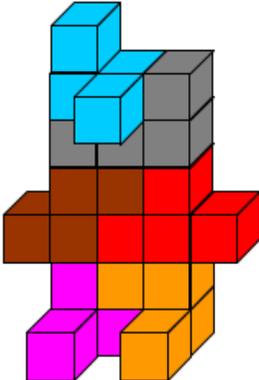
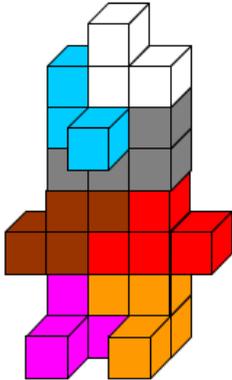
Neuf petits sièges

Les pièces	Étape 1	Étape 2	Étape 3
Étape 4 	Étape 5 	Étape 6 	Étape 7 

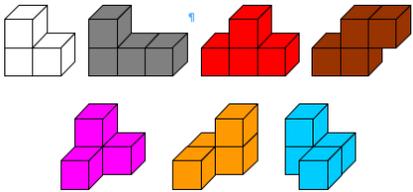
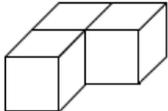
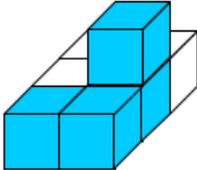
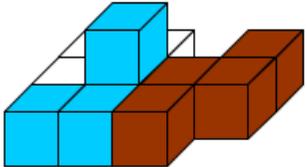
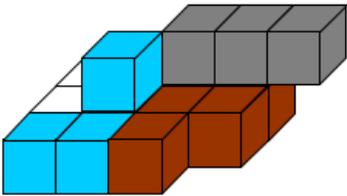
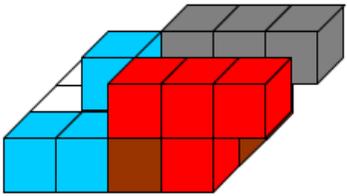
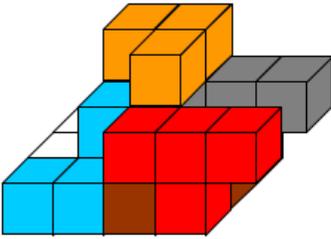
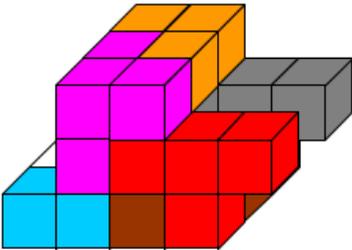
Un escalier

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

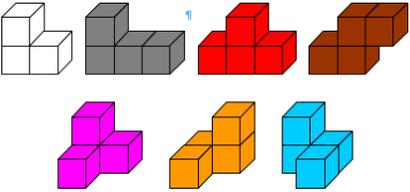
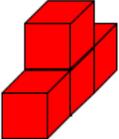
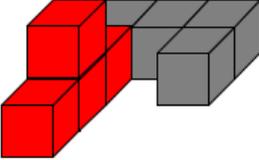
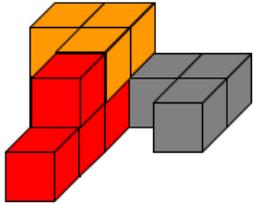
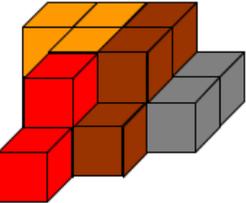
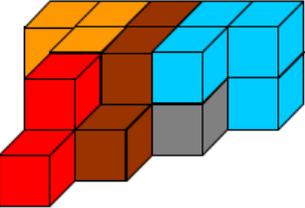
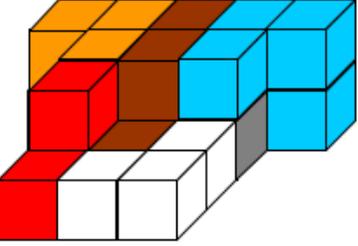
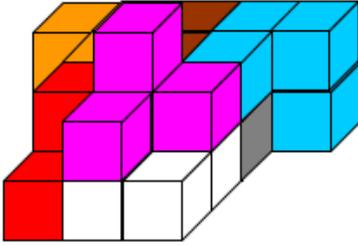
Une poule

<p>Les pièces</p> 	<p>Étape 1</p> 	<p>Étape 2</p> 	<p>Étape 3</p> 
<p>Étape 4</p> 	<p>Étape 5</p> 	<p>Étape 6</p> 	<p>Étape 7</p> 

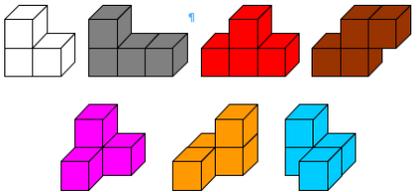
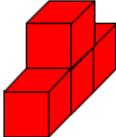
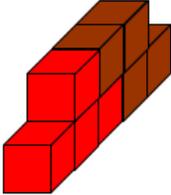
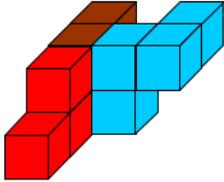
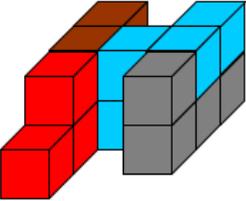
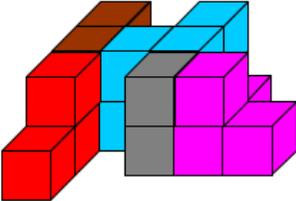
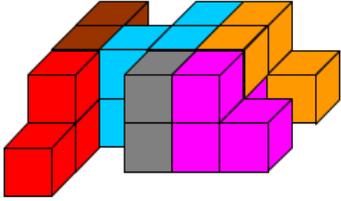
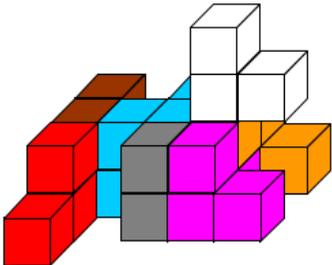
Une brouette

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

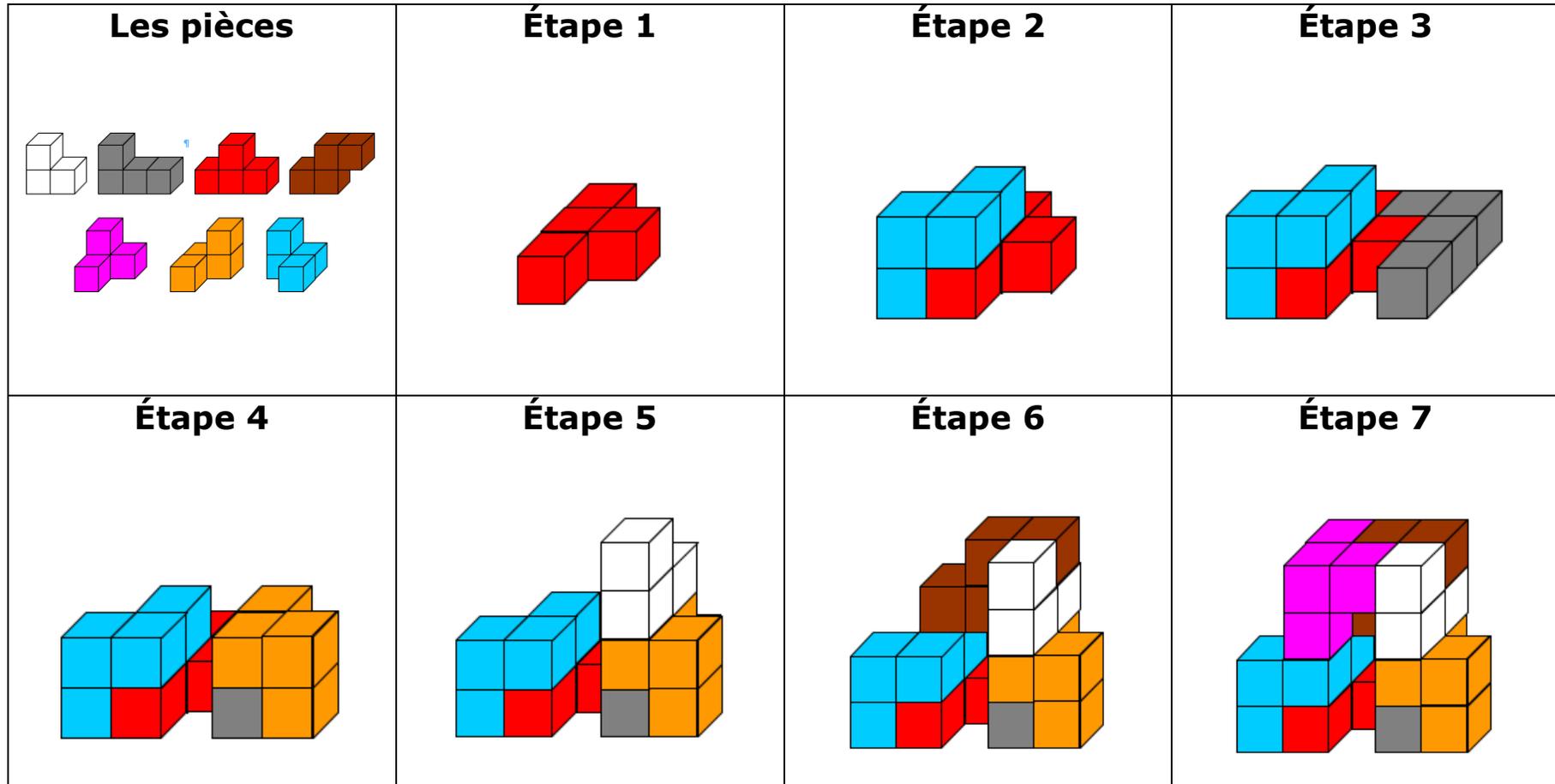
Une fontaine

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

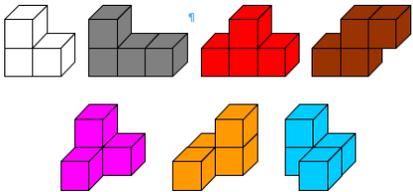
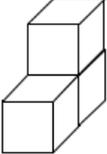
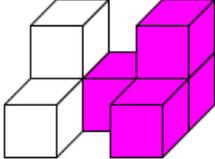
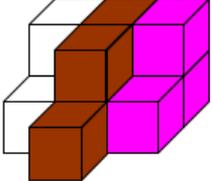
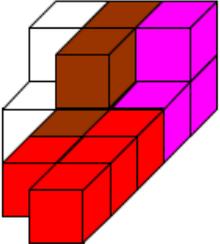
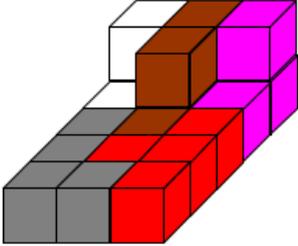
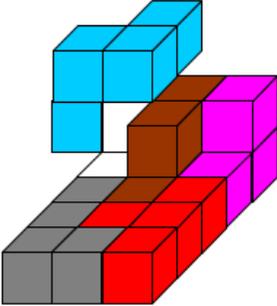
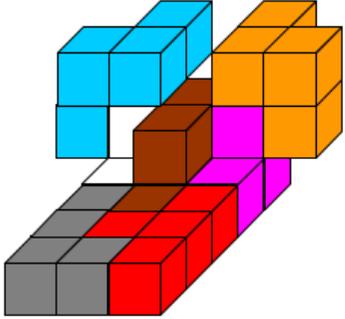
Un sphinx

Les pièces	Étape 1	Étape 2	Étape 3
			
			

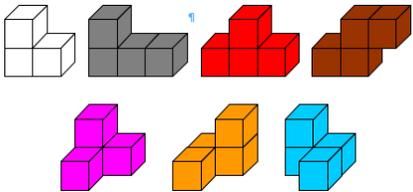
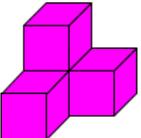
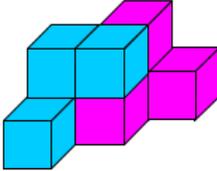
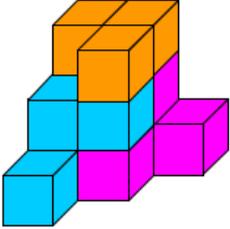
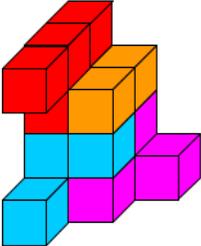
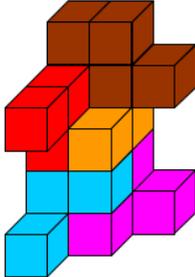
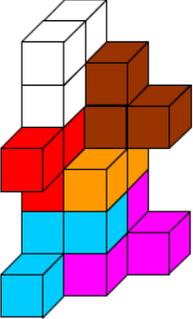
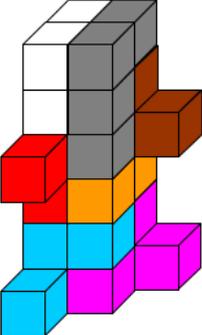
Un temple vaudou



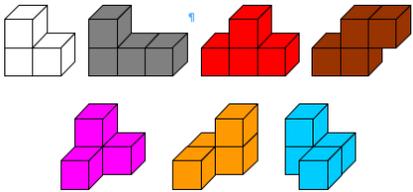
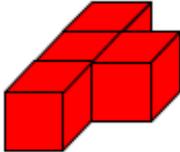
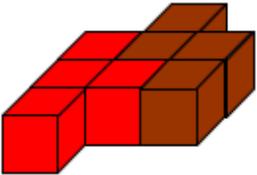
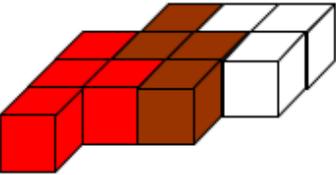
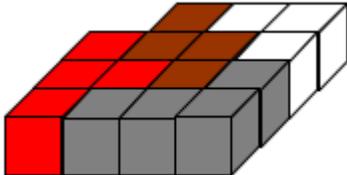
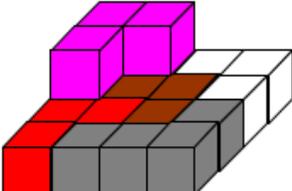
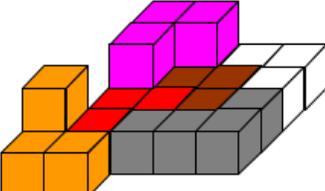
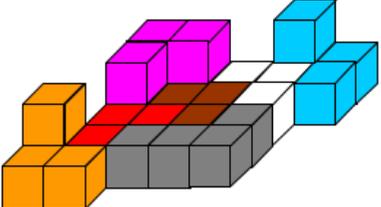
Une autre fontaine

Les pièces	Étape 1	Étape 2	Étape 3
			
			

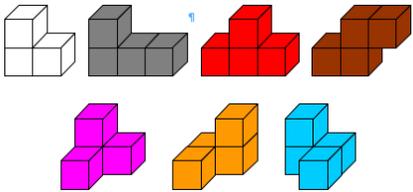
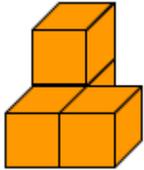
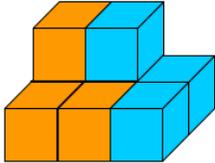
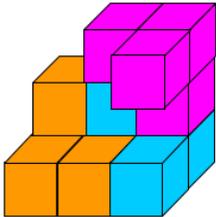
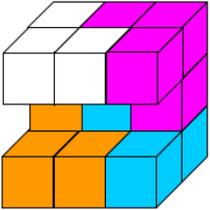
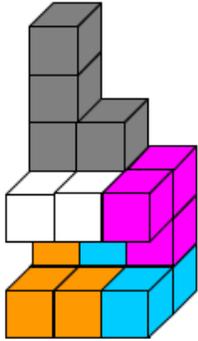
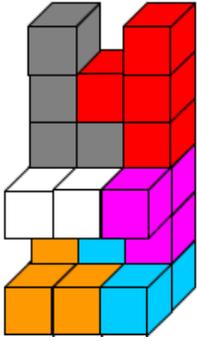
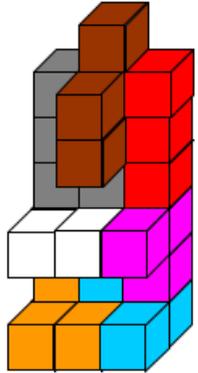
Le bonhomme sans tête

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

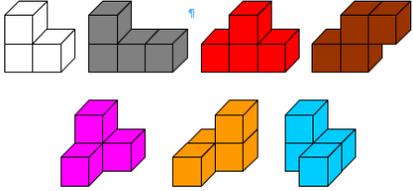
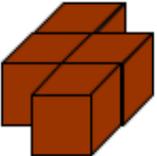
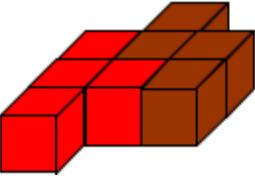
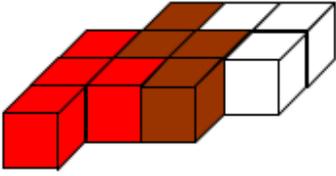
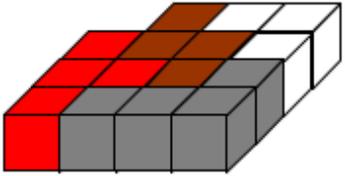
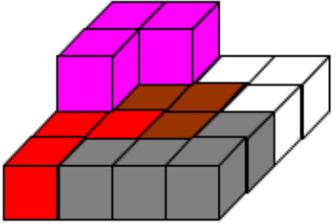
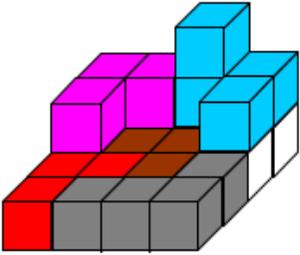
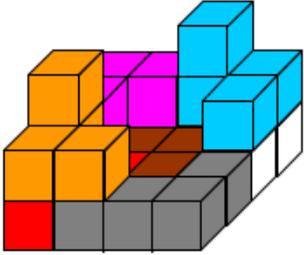
Le monument

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

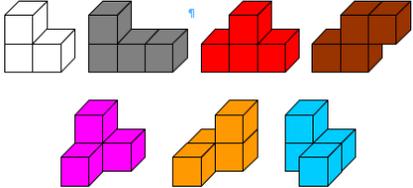
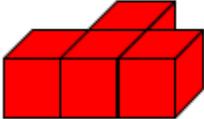
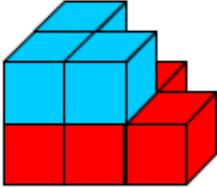
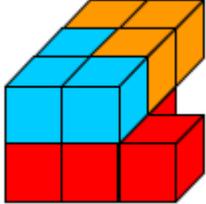
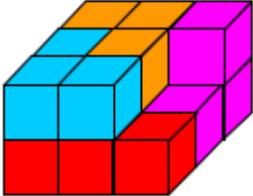
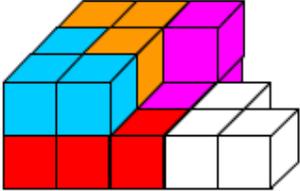
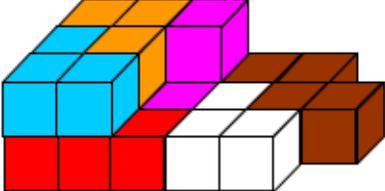
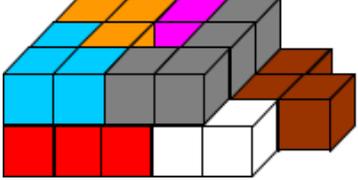
Le robot

Les pièces 	Étape 1 	Étape 2 	Étape 3 
Étape 4 	Étape 5 	Étape 6 	Étape 7 

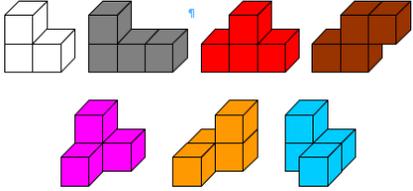
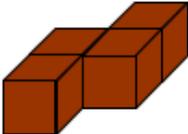
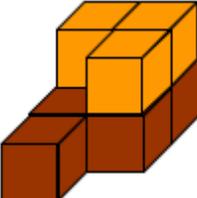
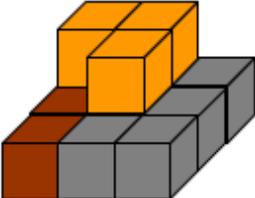
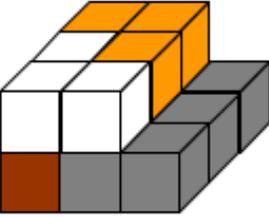
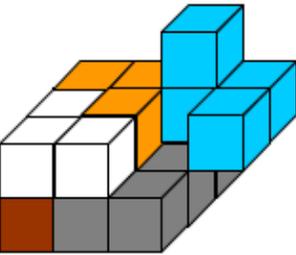
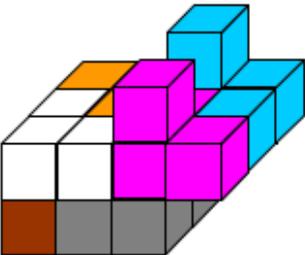
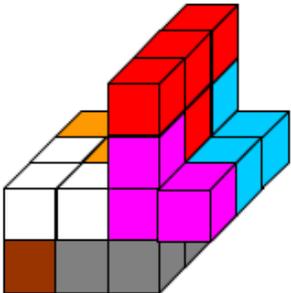
Le petit parc

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

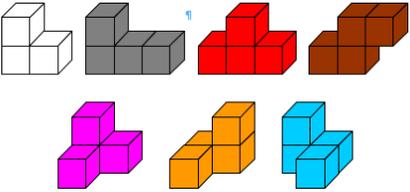
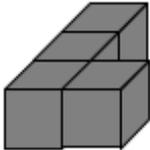
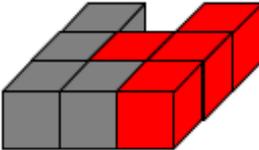
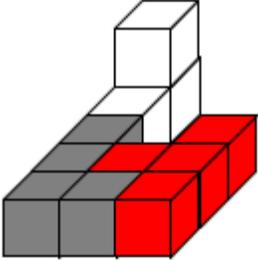
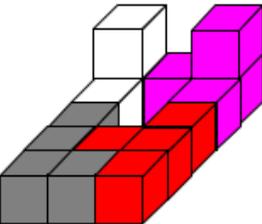
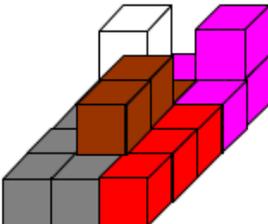
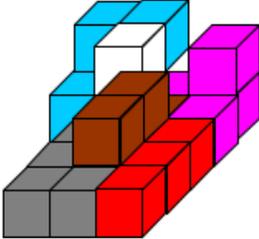
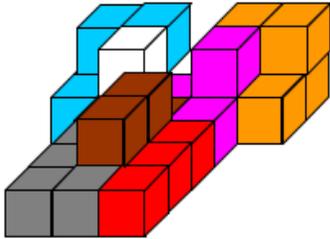
Un petit puits

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

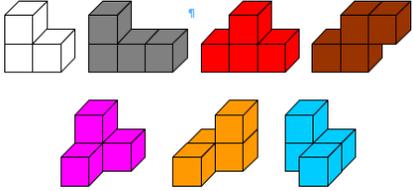
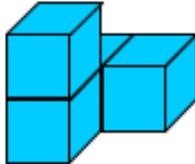
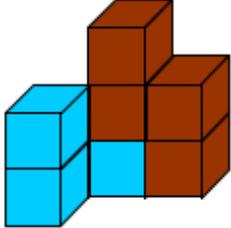
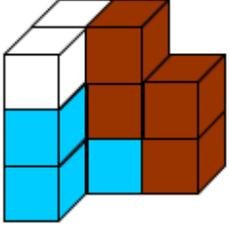
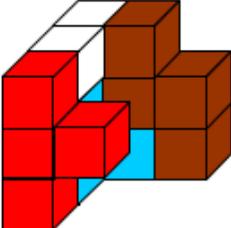
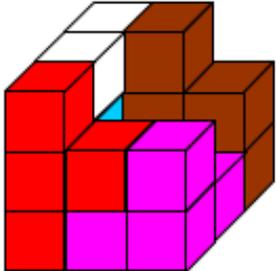
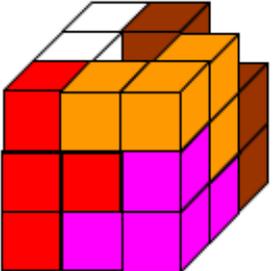
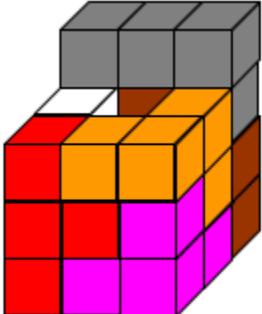
Le bidule

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

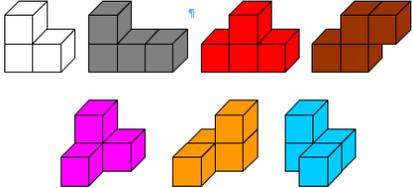
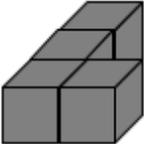
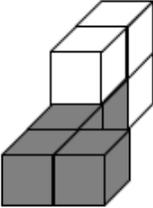
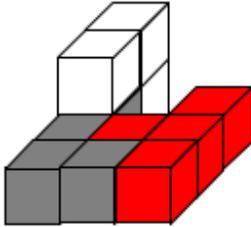
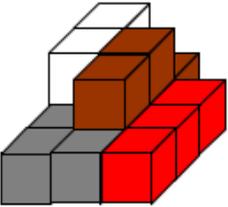
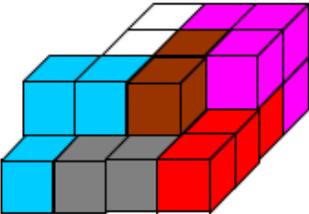
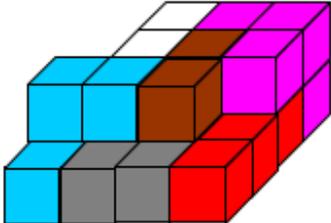
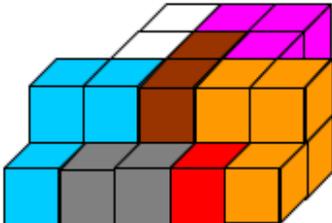
Le masque

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

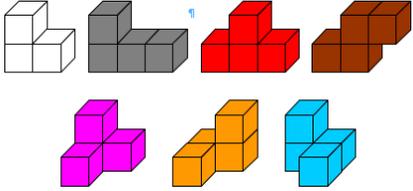
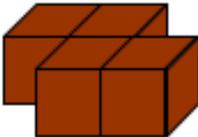
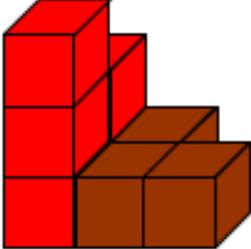
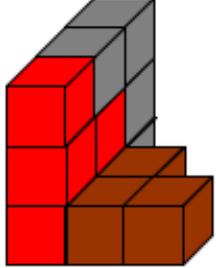
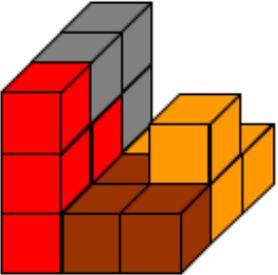
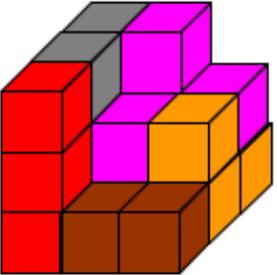
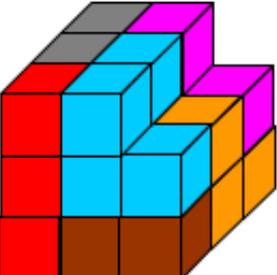
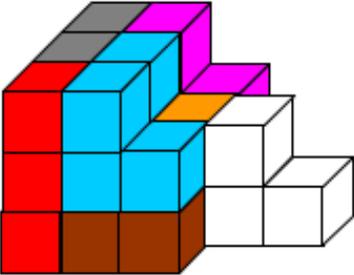
La machine à laver

Les pièces 	Étape 1 	Étape 2 	Étape 3 
Étape 4 	Étape 5 	Étape 6 	Étape 7 

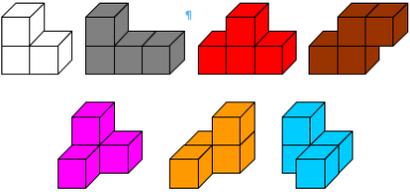
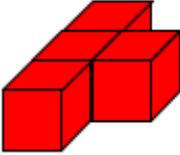
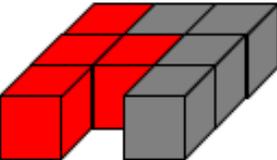
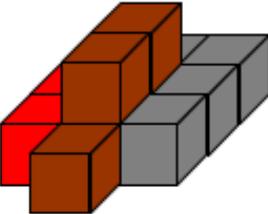
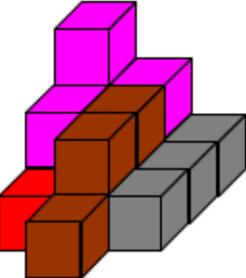
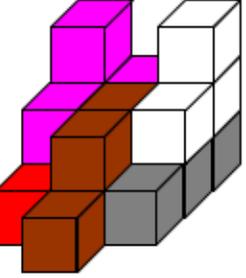
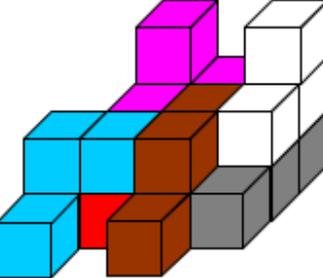
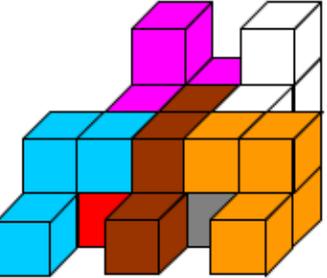
Le clavecin

Les pièces	Étape 1	Étape 2	Étape 3
			
			

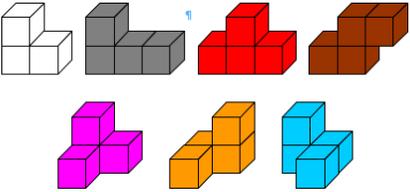
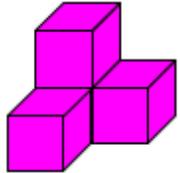
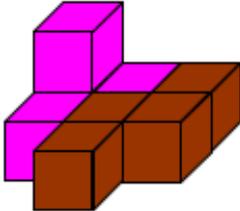
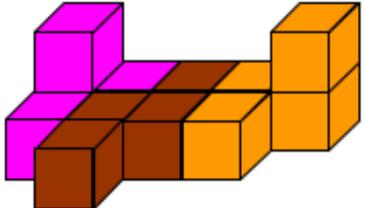
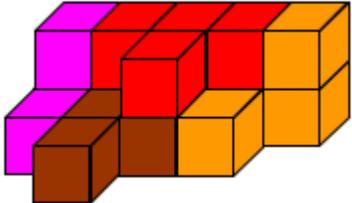
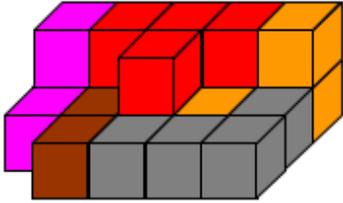
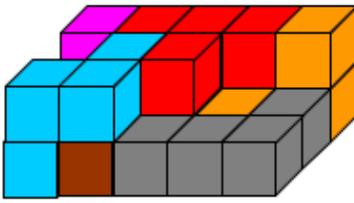
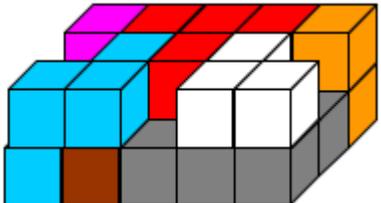
Le socle de la statue

Les pièces 	Étape 1 	Étape 2 	Étape 3 
Étape 4 	Étape 5 	Étape 6 	Étape 7 

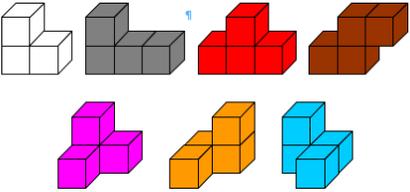
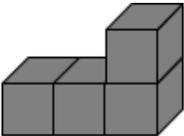
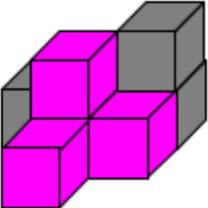
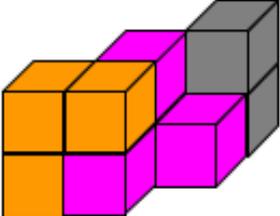
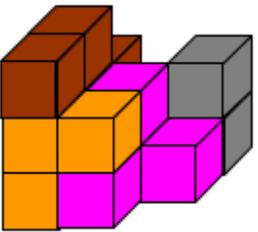
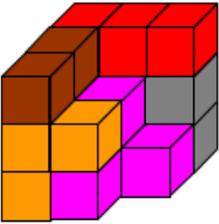
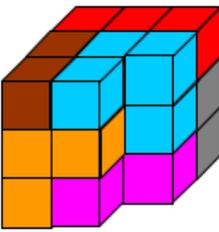
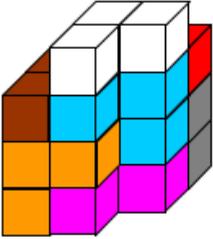
La griffe

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

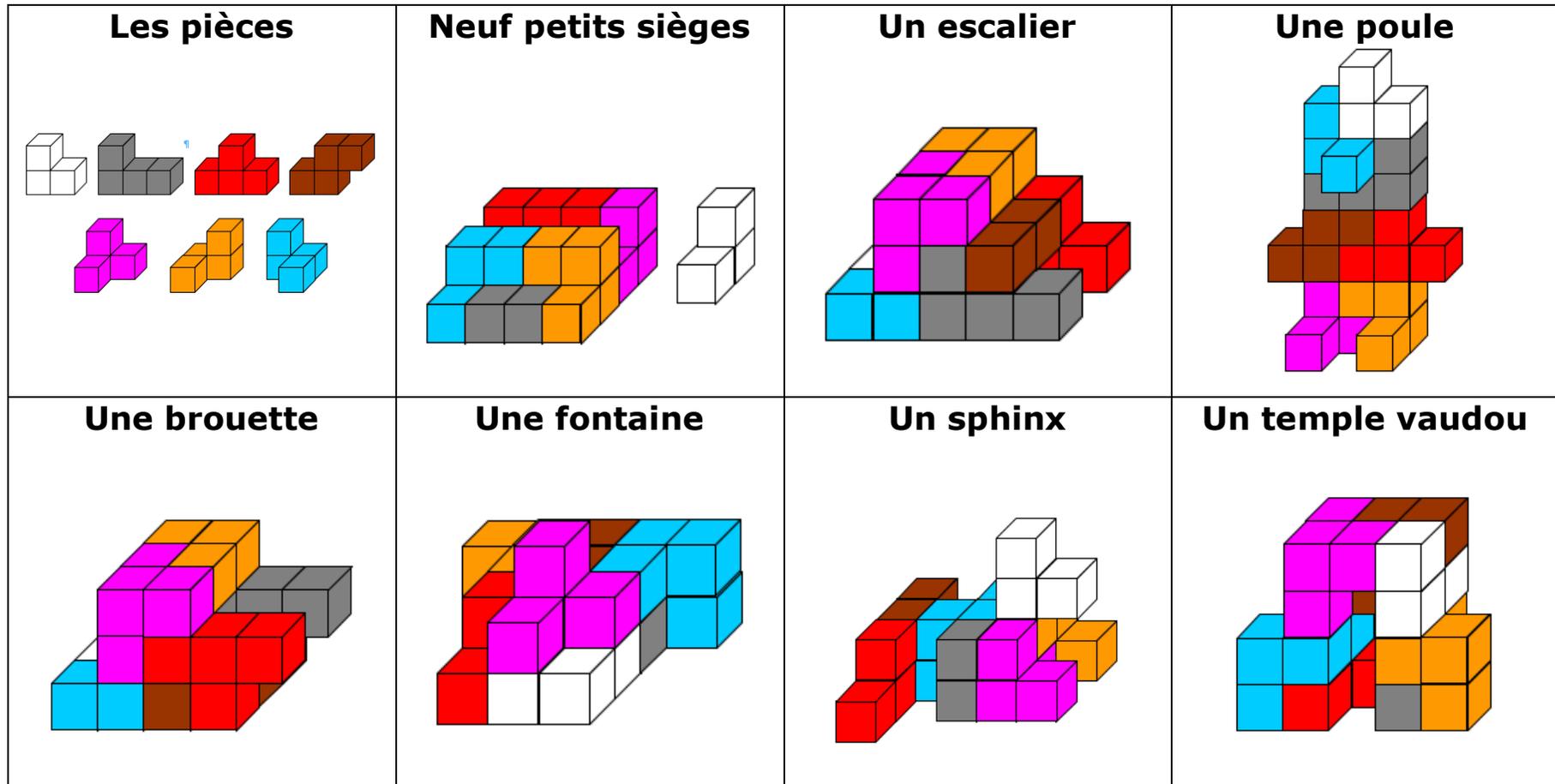
Trois trous dans le pavé

<p>Les pièces</p> 	<p>Étape 1</p> 	<p>Étape 2</p> 	<p>Étape 3</p> 
<p>Étape 4</p> 	<p>Étape 5</p> 	<p>Étape 6</p> 	<p>Étape 7</p> 

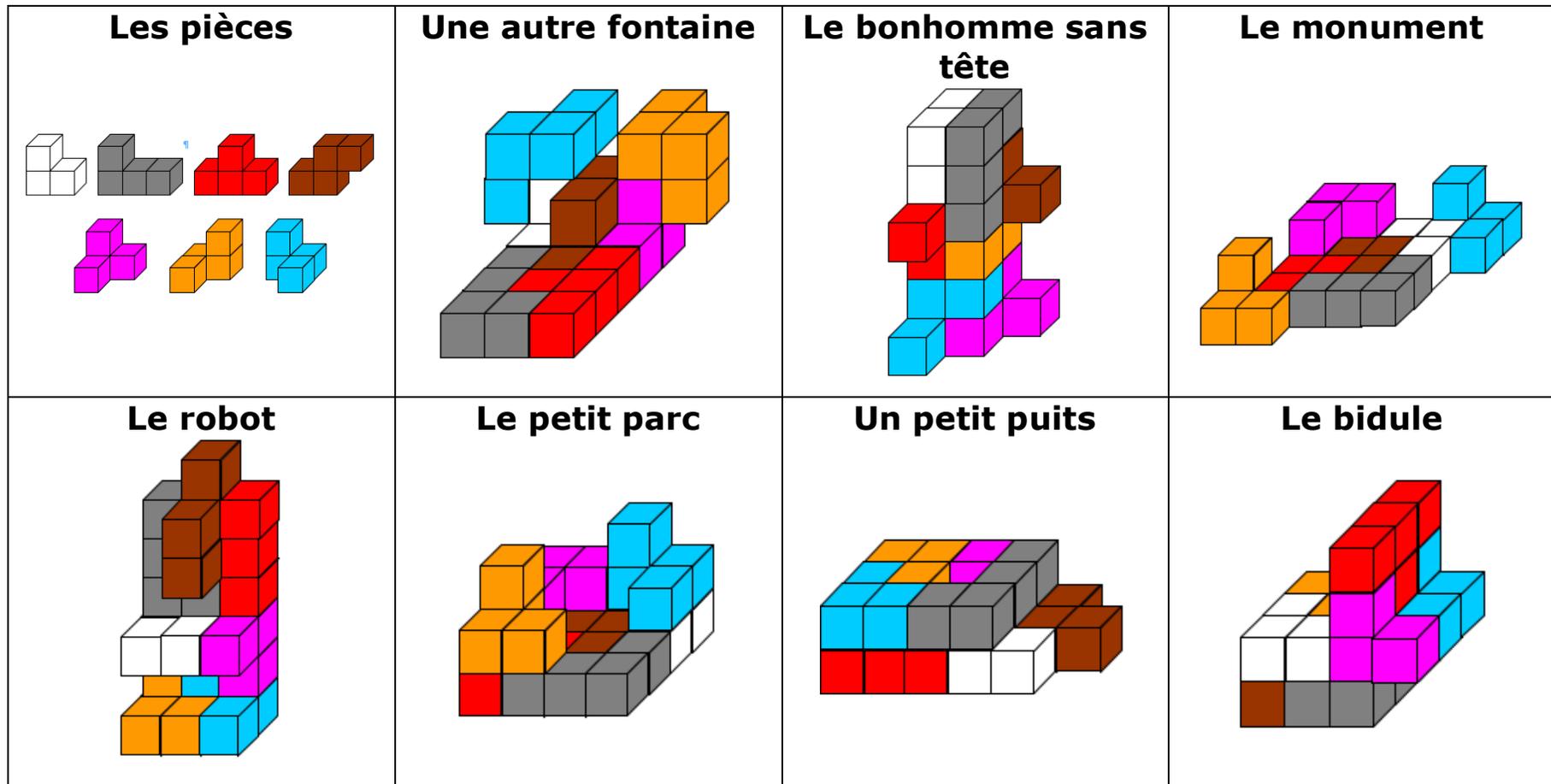
Une colonne

Les pièces	Étape 1	Étape 2	Étape 3
			
Étape 4	Étape 5	Étape 6	Étape 7
			

Les sept pièces assemblées (1)



Les sept pièces assemblées (2)



Les sept pièces assemblées (3)

