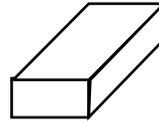


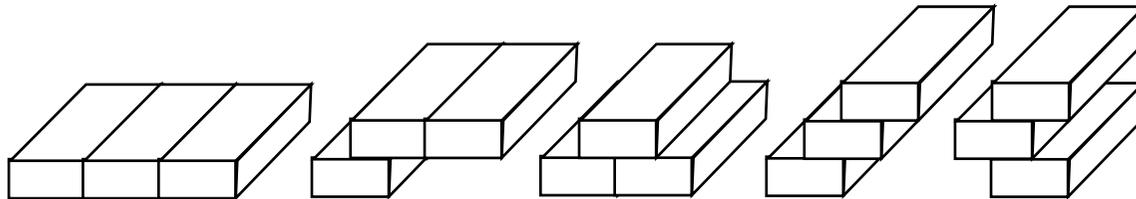
LES TROIS BRIQUES

Avec les conventions habituelles pour les représentations en perspective, une brique peut être représentée comme ci-dessous.

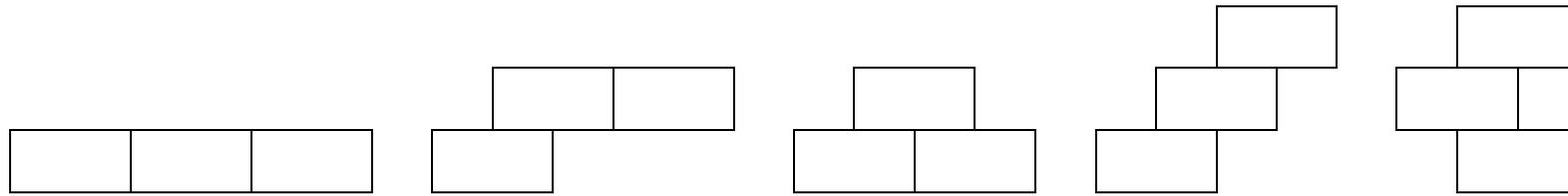


Sur un mur à Sarreguemines

Voici ci-dessous les différents assemblages de trois briques respectant l'apareillage "en boutisses".



Voici des dessins des faces avant de ces cinq assemblages



Il est ici proposé de travailler avec des pièces en carton visualisant ces cinq assemblages de rectangles. Des exemples prêts à découper sont fournis page suivante.

Il est possible de s'inspirer des soixante assemblages proposés dans le jeu « Brick by Brick » édité par « Thinkfun ».



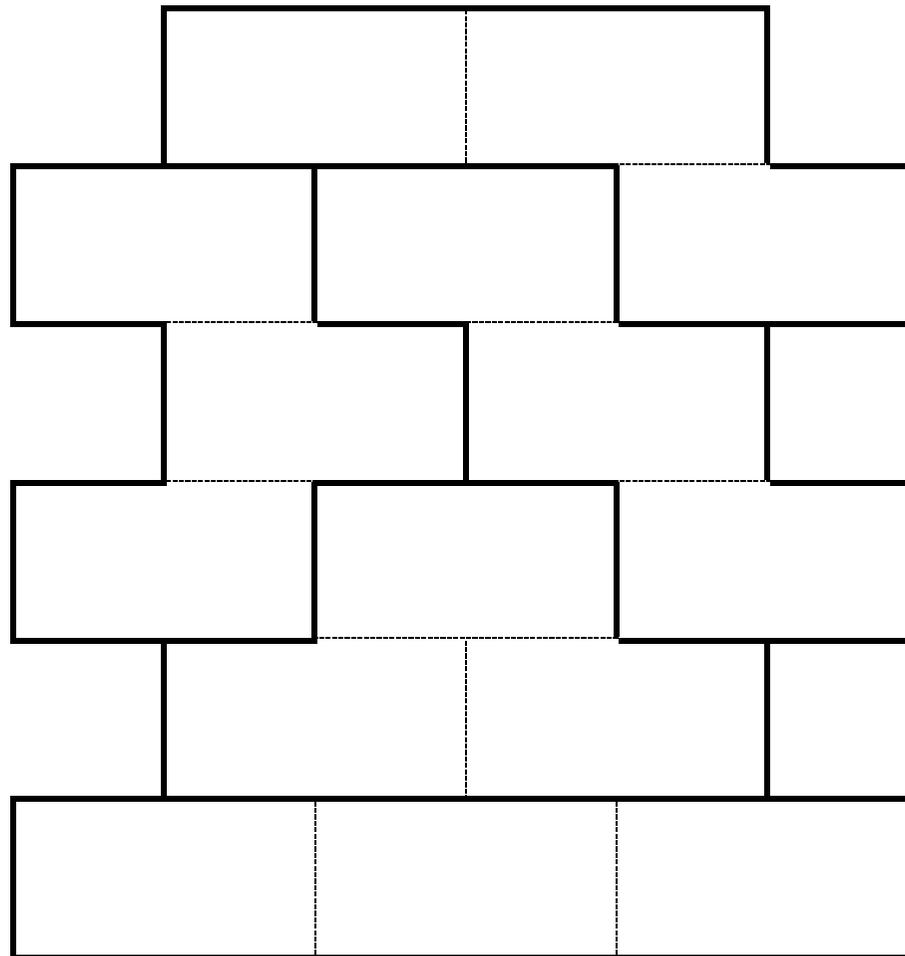
Les assemblages des pages qui suivent ont été imaginés en Lorraine.

Les cartes de la série A proposent des défis à résoudre.

Les cartes de la série B sont des cartes solutions. Elles pourront être proposées comme cartes défis à des élèves de fin de cycle 1.

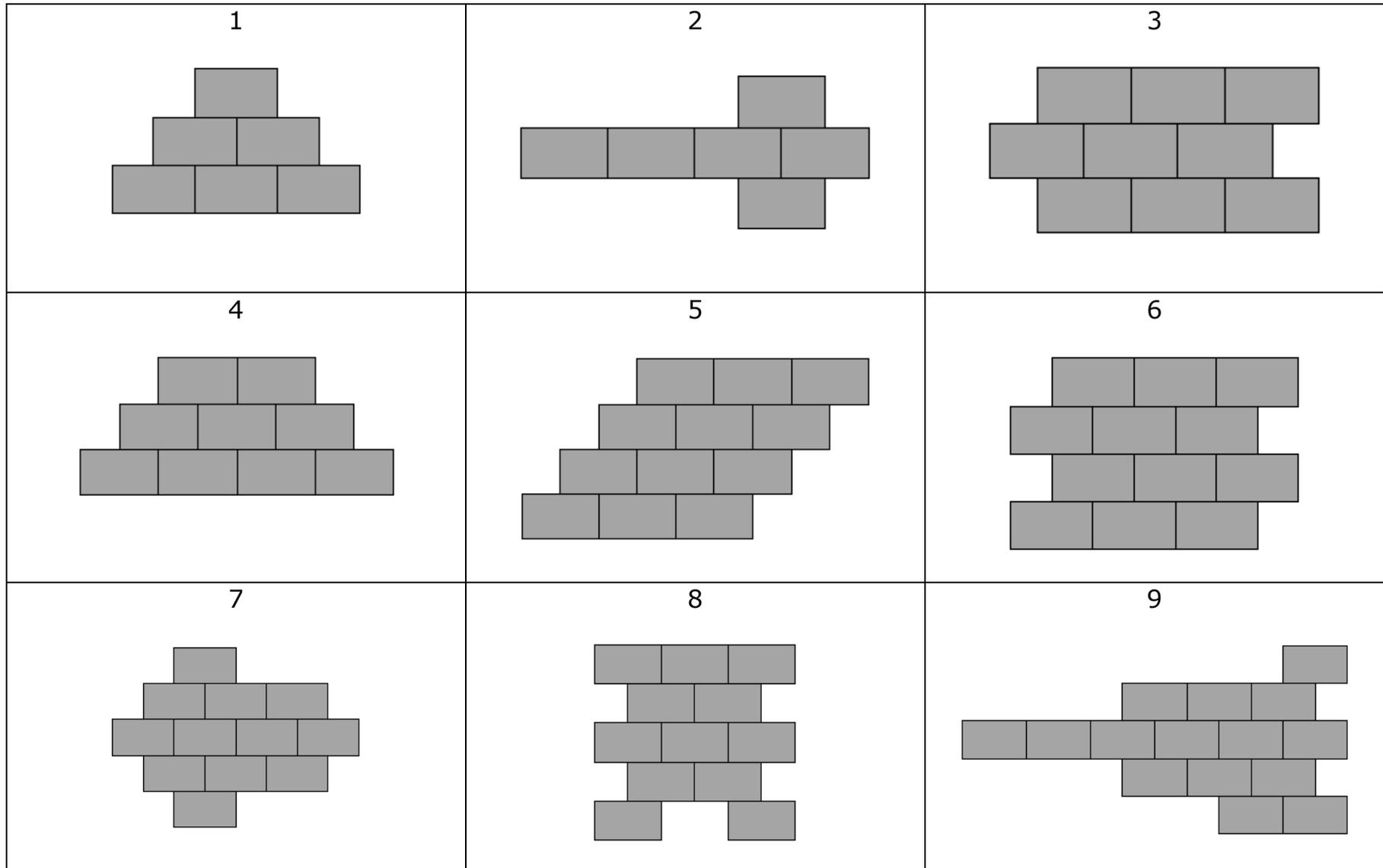
Les assemblages pourront être retrouvés mentalement, sans manipulation des pièces et être coloriés dans les feuilles de la série C.

La série D propose de retrouver puis dessiner les assemblages de trois briques comblant le trou dans les murs.

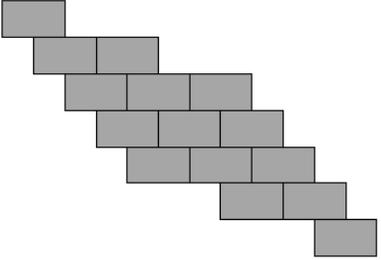
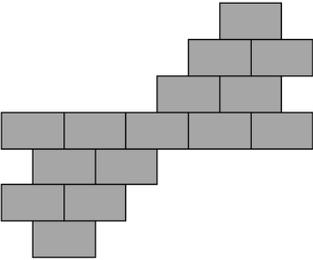
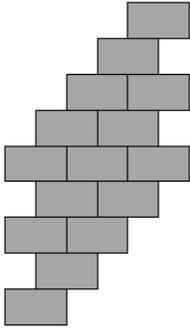
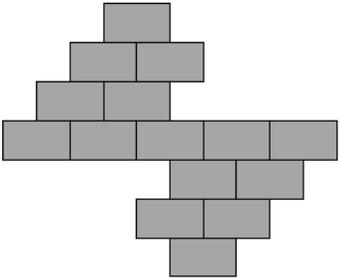
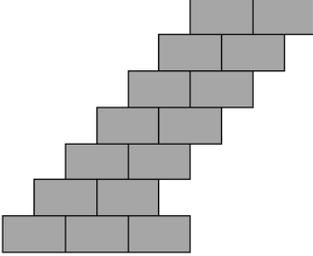
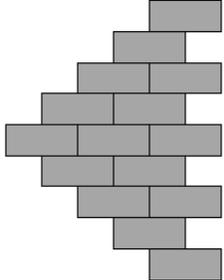
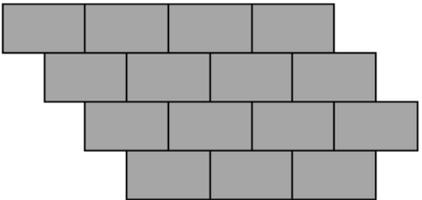
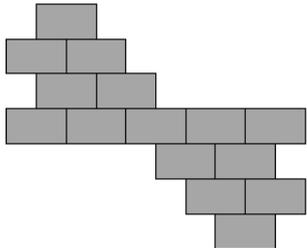
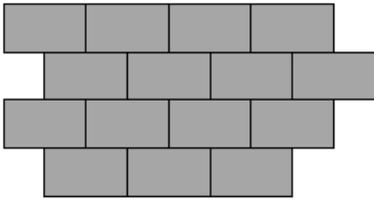


Les cinq pièces à dupliquer puis à découper (tracer au verso les limites des briques)

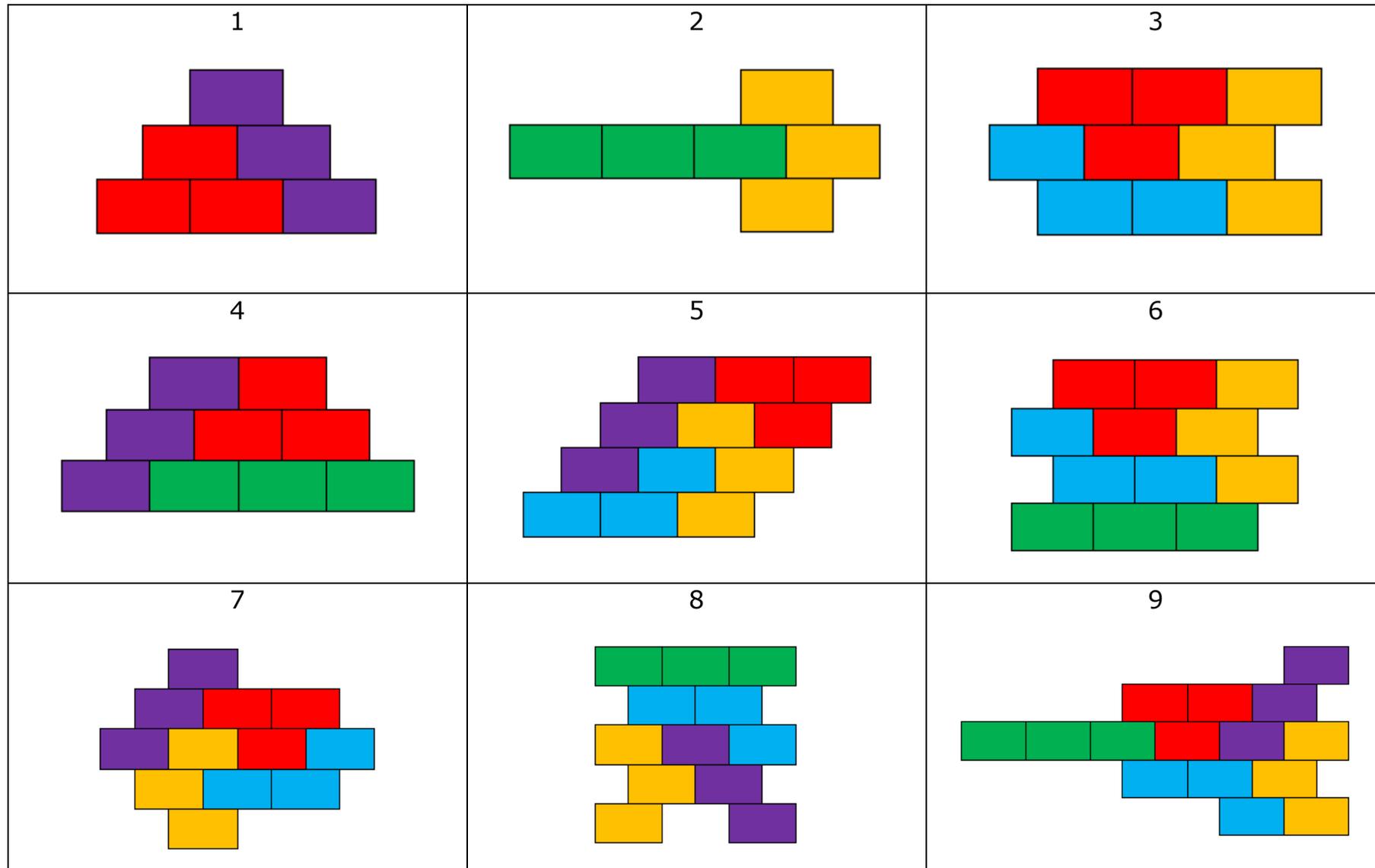
A - Des vues d'assemblages réalisés avec certaines pièces



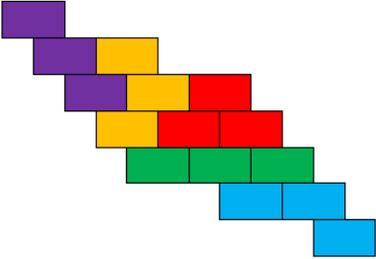
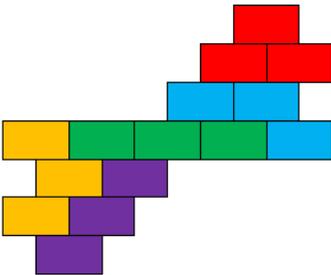
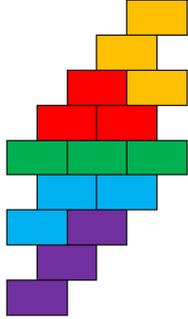
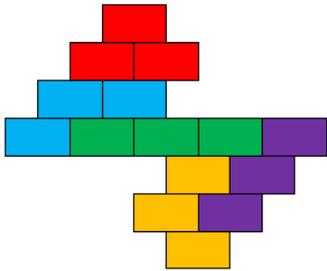
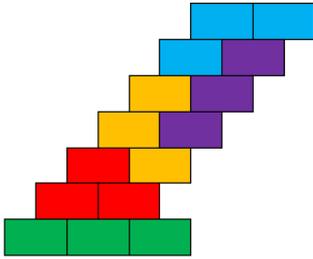
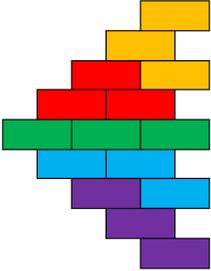
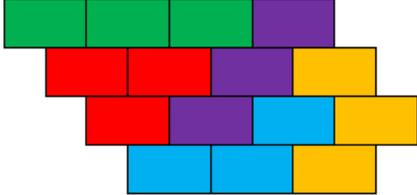
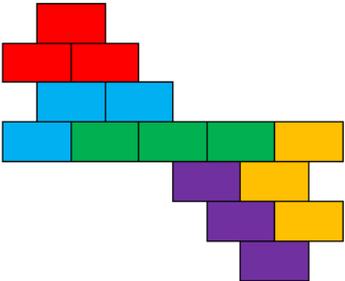
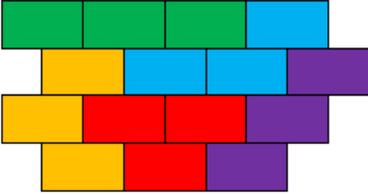
A - Des vues d'assemblages réalisés avec les cinq pièces

<p>10</p> 	<p>11</p> 	<p>12</p> 
<p>13</p> 	<p>14</p> 	<p>15</p> 
<p>16</p> 	<p>17</p> 	<p>18</p> 

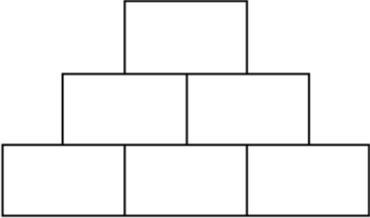
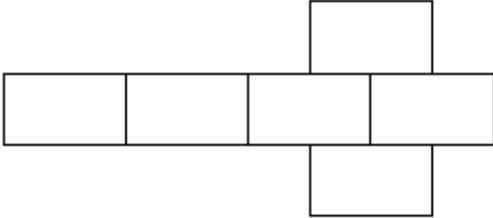
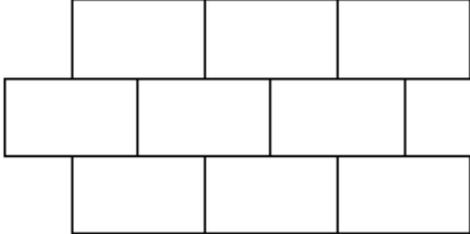
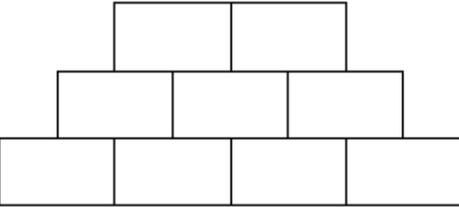
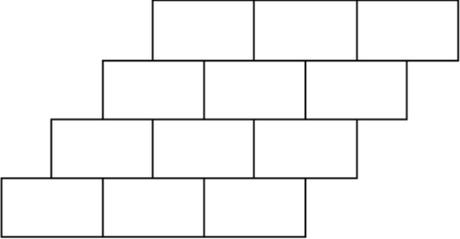
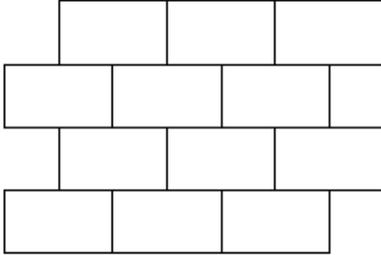
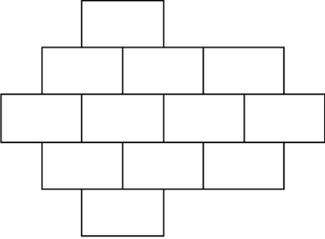
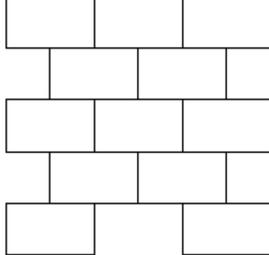
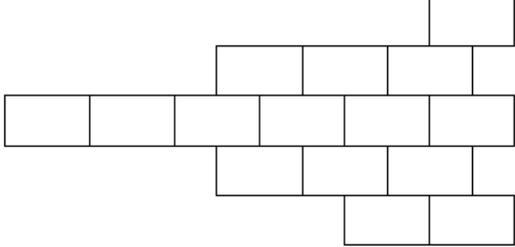
B - Des vues d'assemblages réalisés avec certaines pièces colorées



B - Des vues d'assemblages réalisés avec les cinq pièces colorées

<p>10</p> 	<p>11</p> 	<p>12</p> 
<p>13</p> 	<p>14</p> 	<p>15</p> 
<p>16</p> 	<p>17</p> 	<p>18</p> 

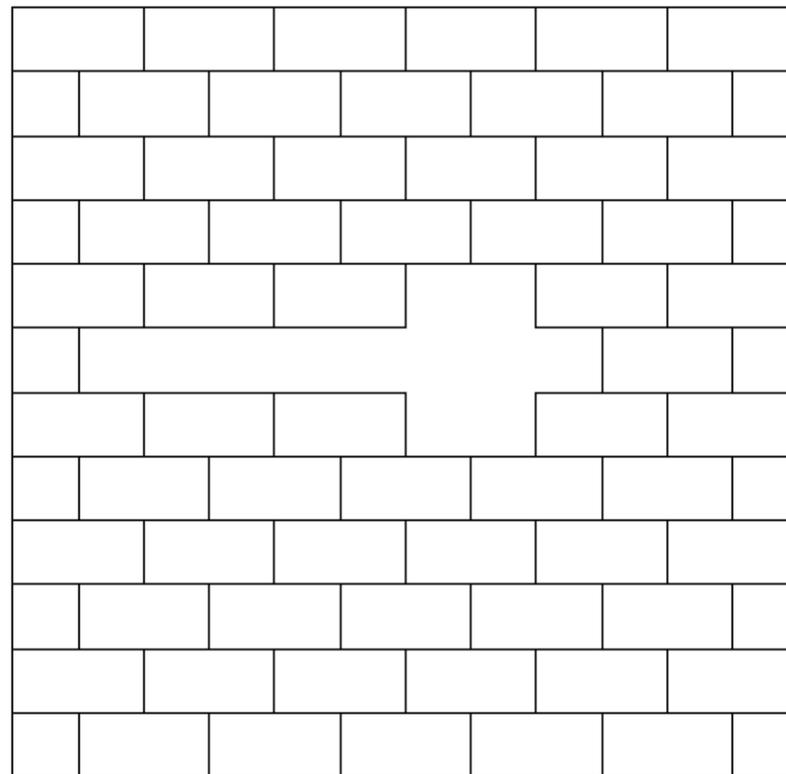
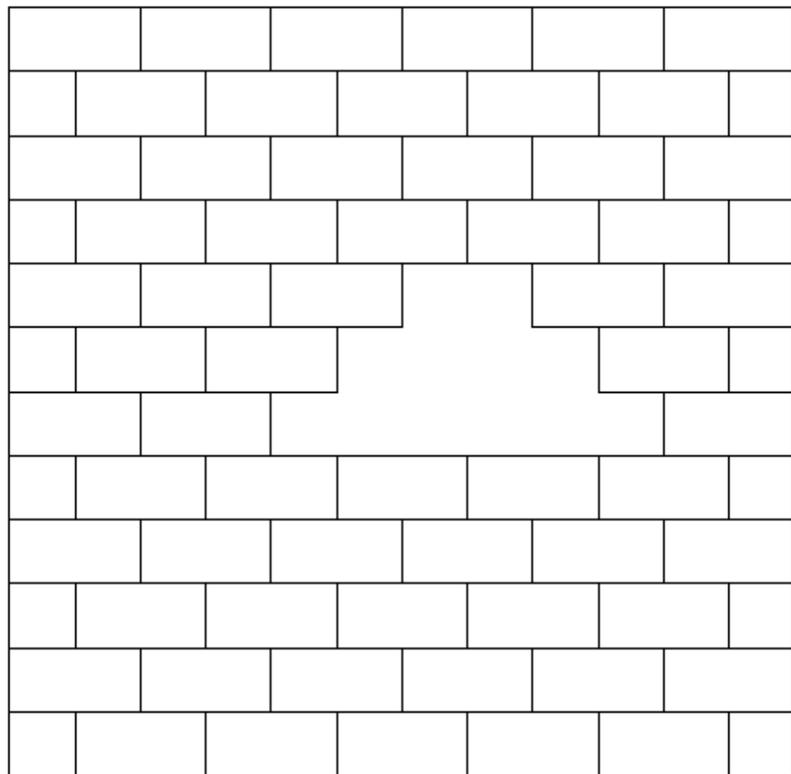
C - Des vues d'assemblages réalisés avec certaines pièces

<p>1</p> 	<p>2</p> 	<p>3</p> 
<p>4</p> 	<p>5</p> 	<p>6</p> 
<p>7</p> 	<p>8</p> 	<p>9</p> 

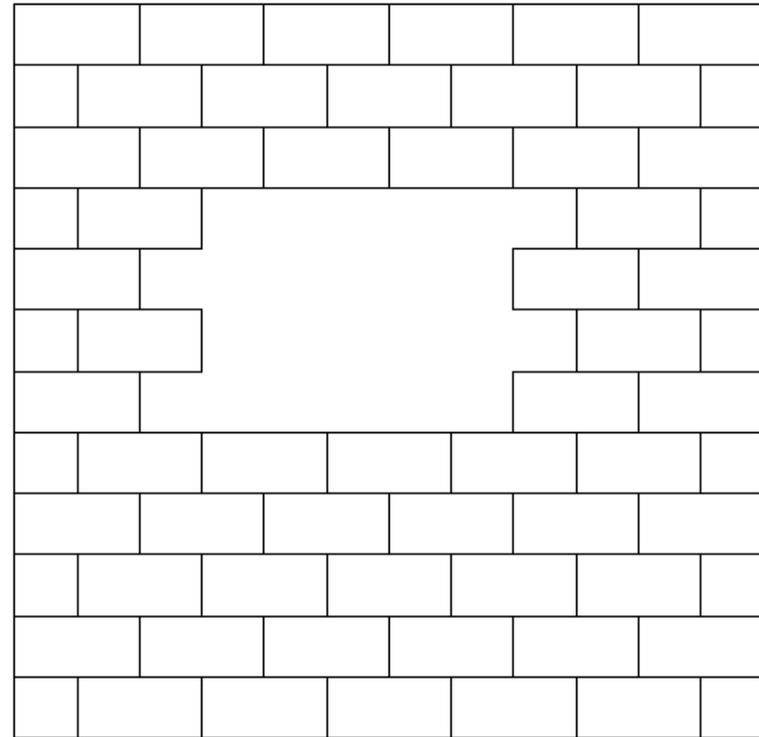
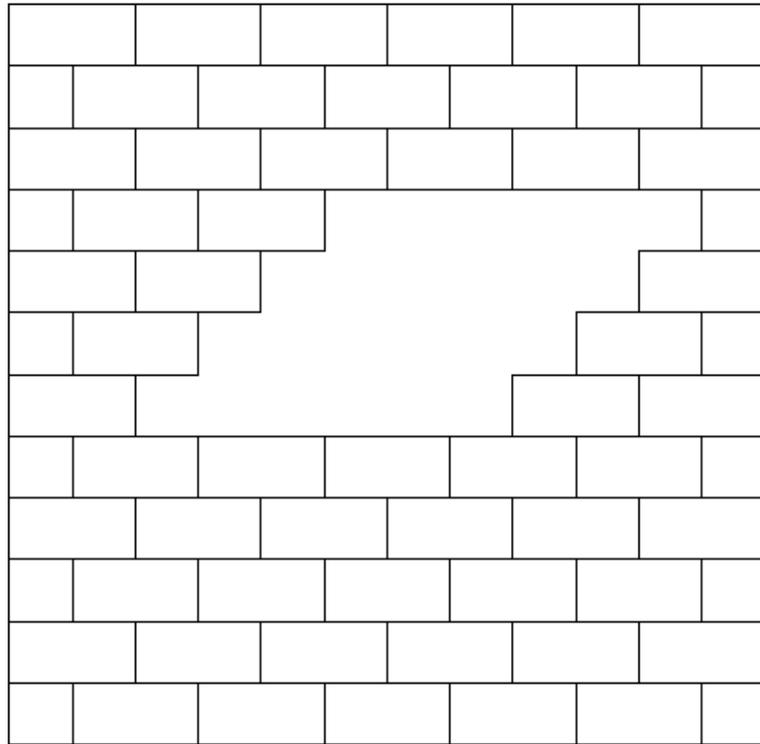
C - Des vues d'assemblages réalisés avec les cinq pièces

<p>10</p>	<p>11</p>	<p>12</p>
<p>13</p>	<p>14</p>	<p>15</p>
<p>16</p>	<p>17</p>	<p>18</p>

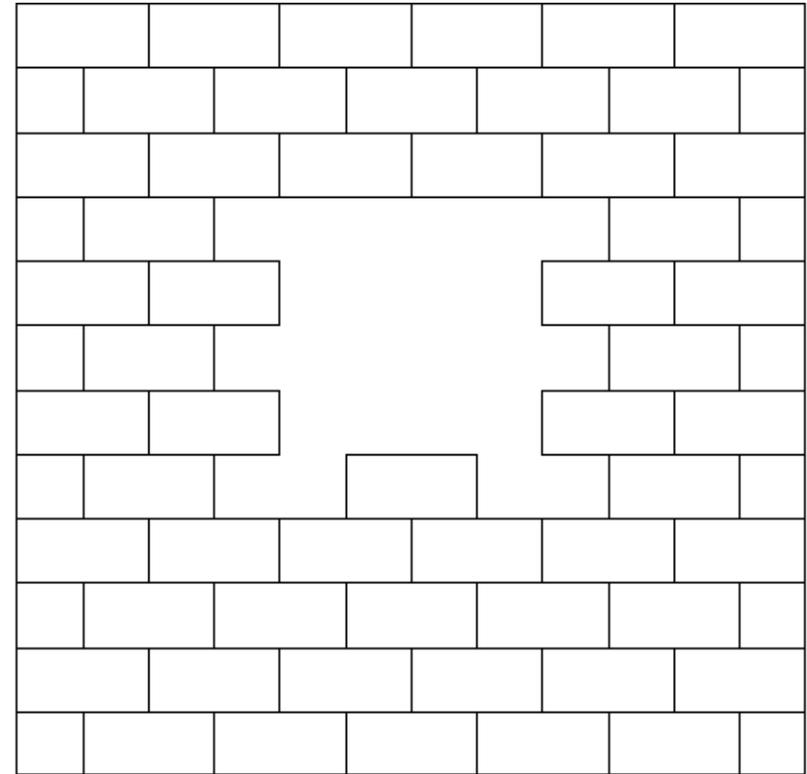
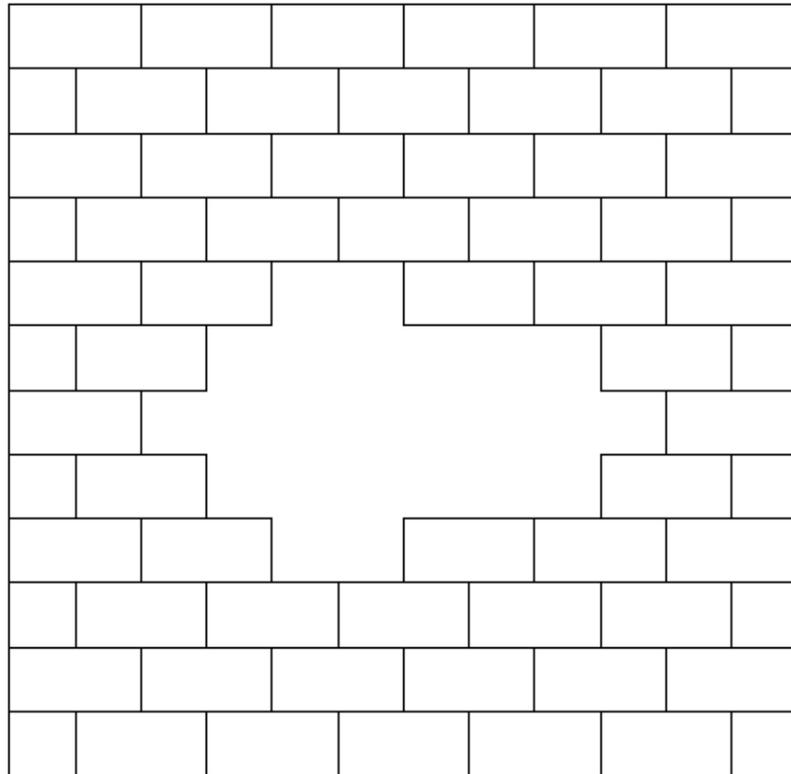
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (1)



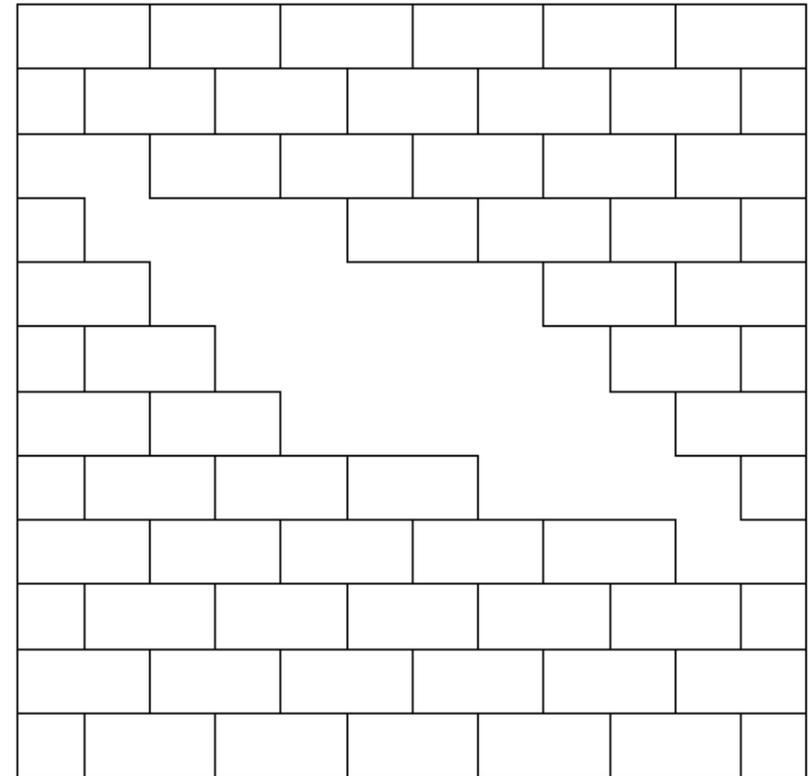
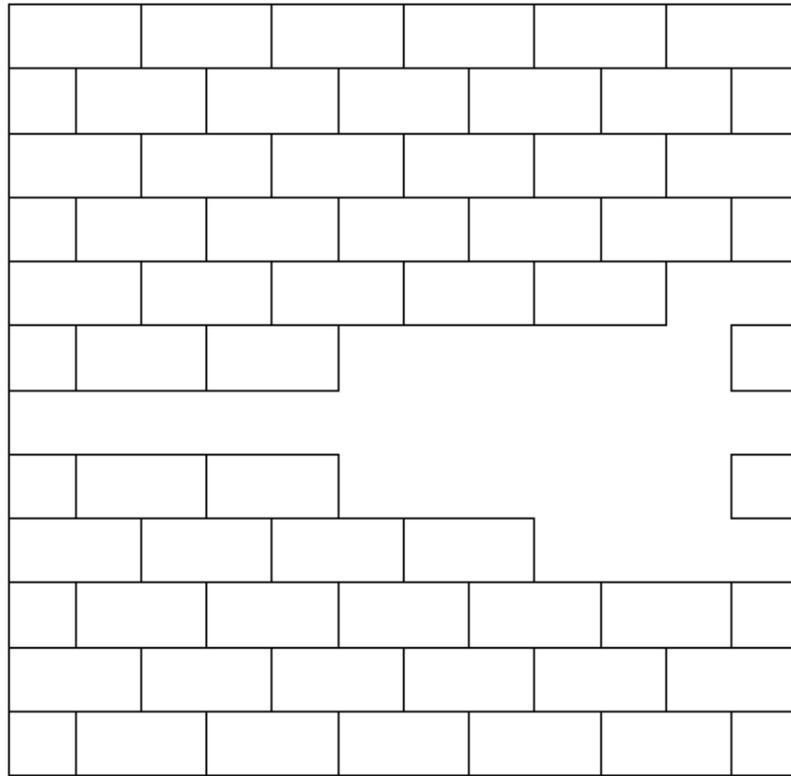
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (3)



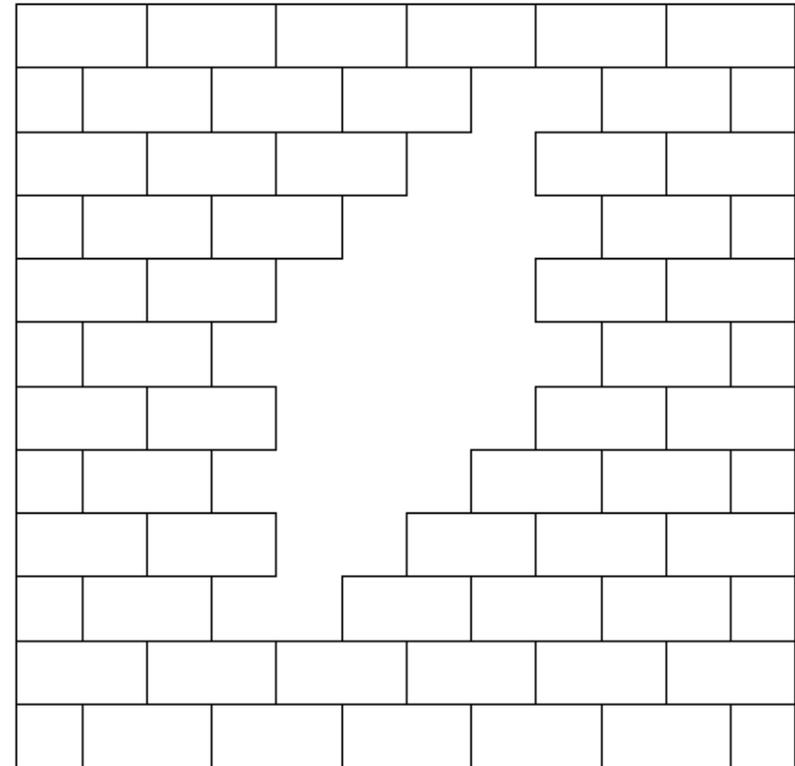
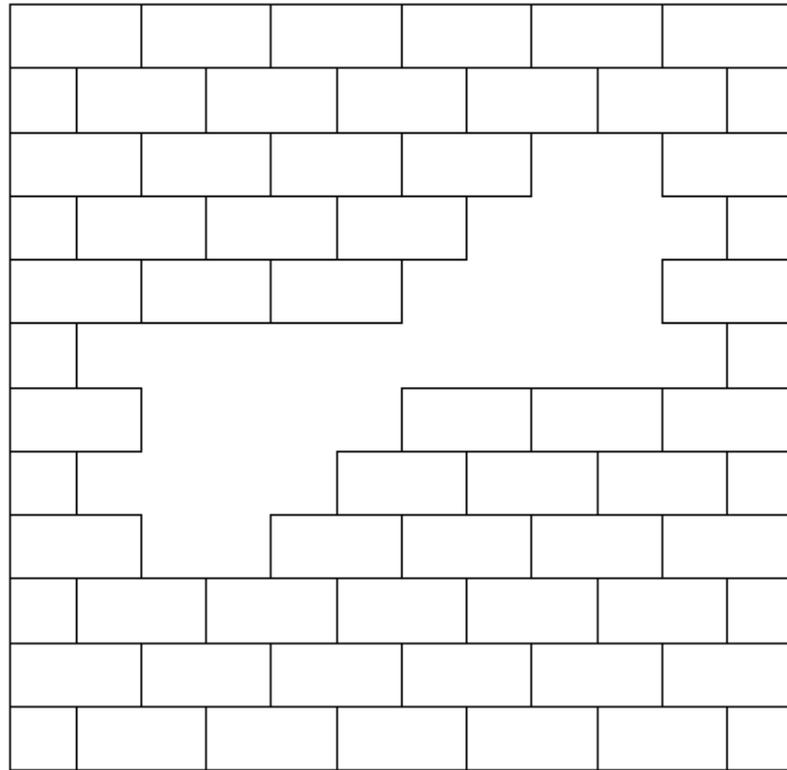
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (4)



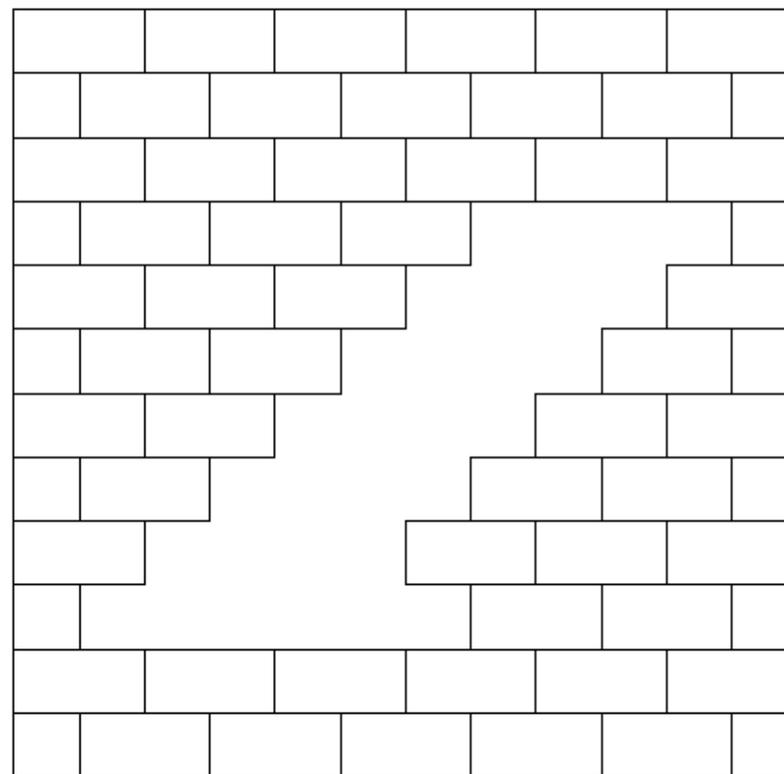
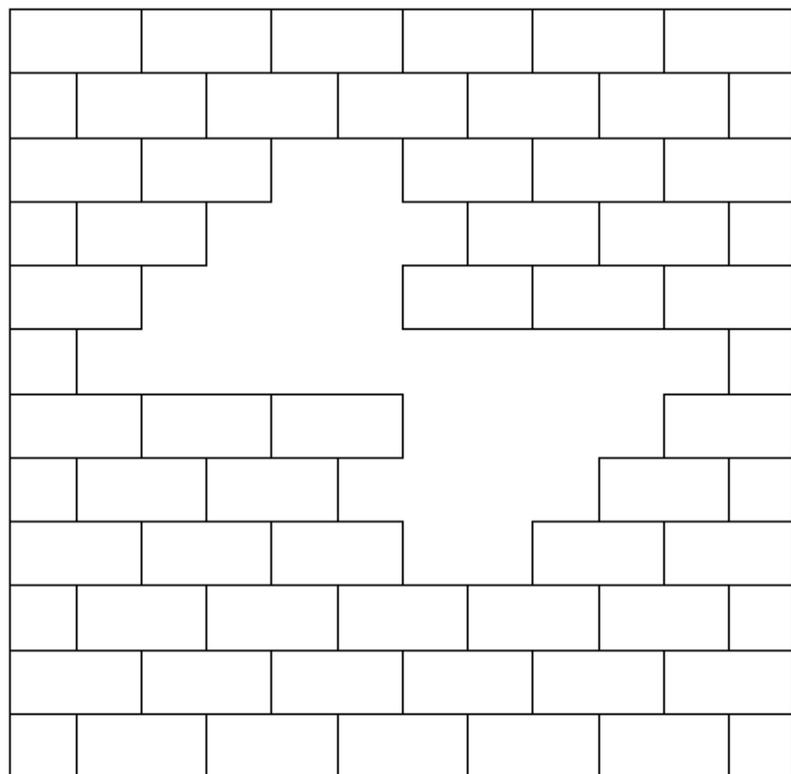
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (5)



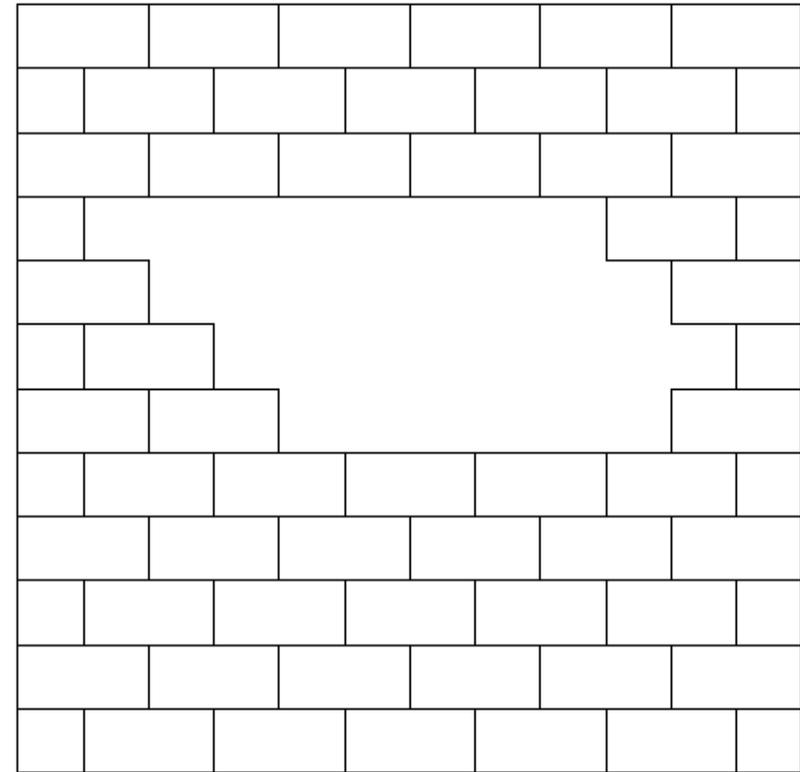
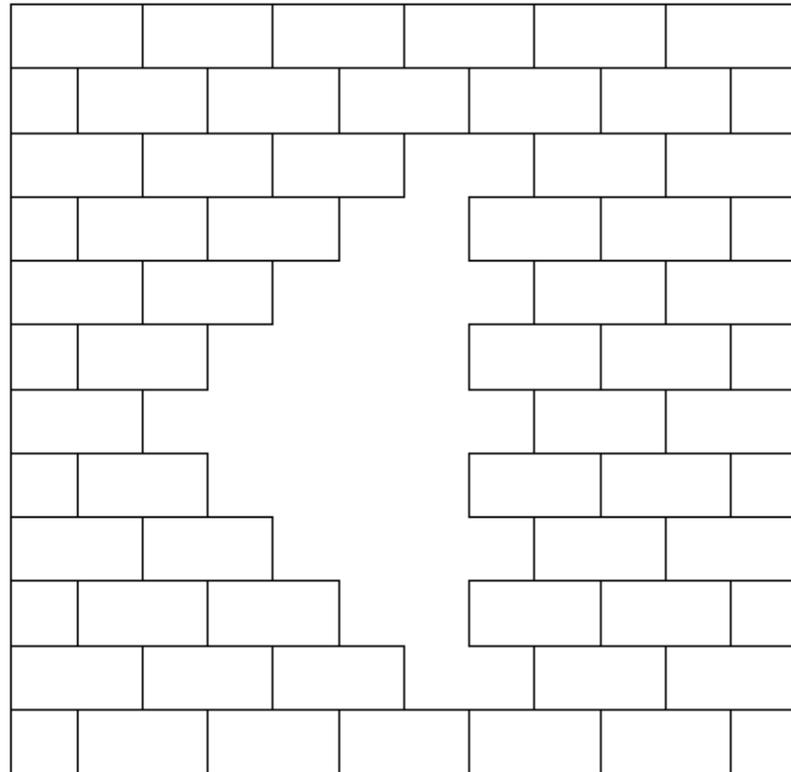
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (6)



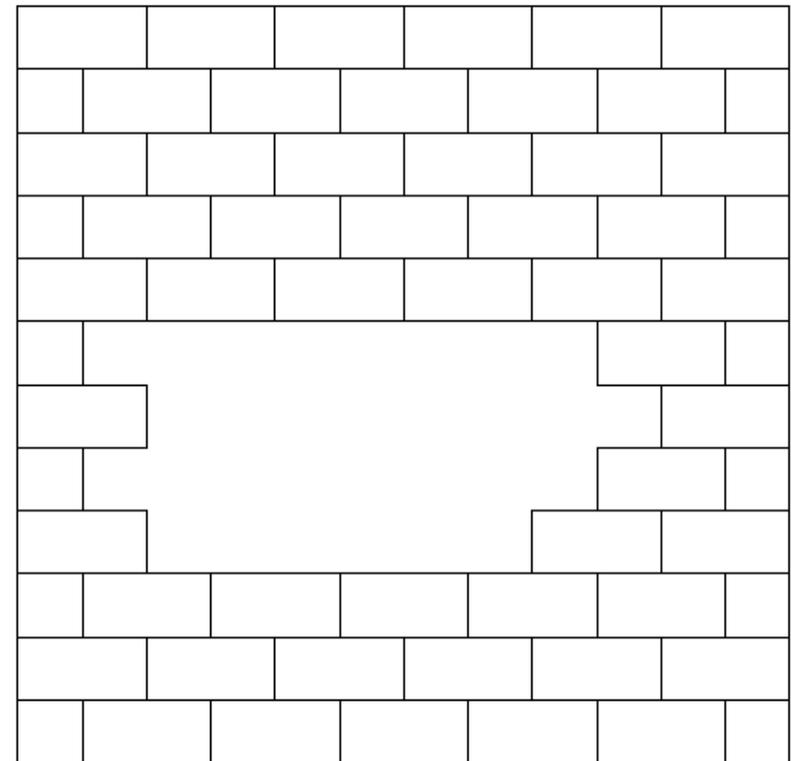
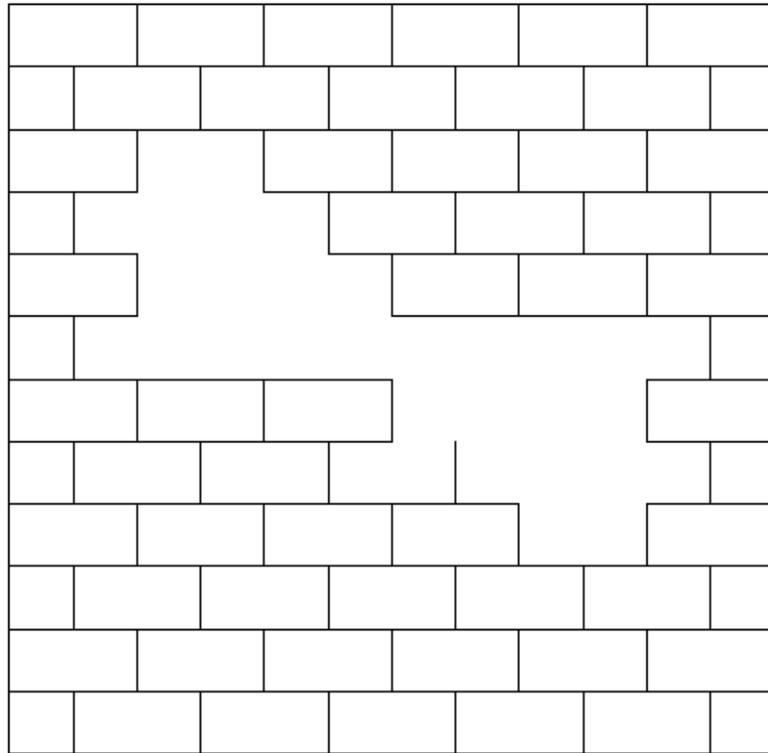
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (7)



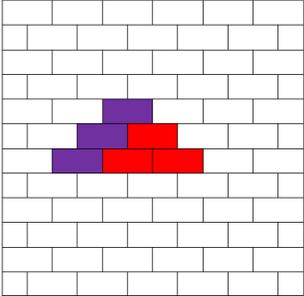
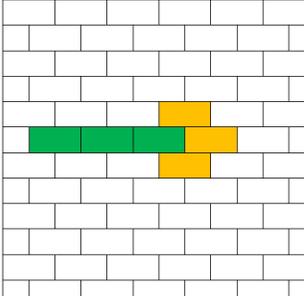
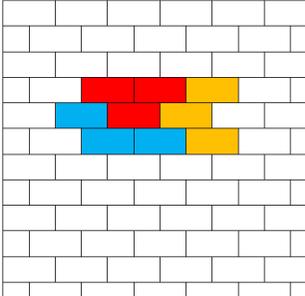
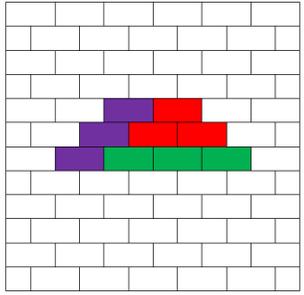
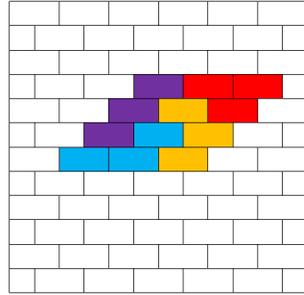
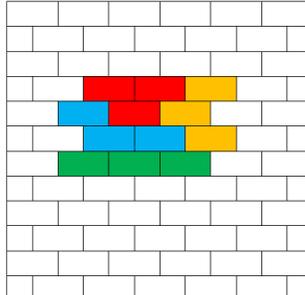
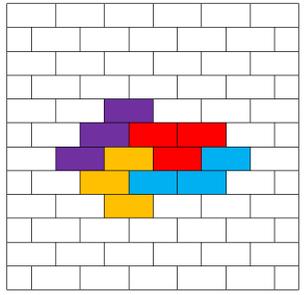
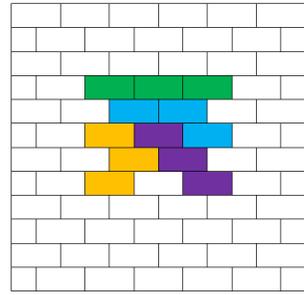
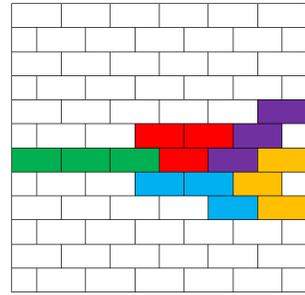
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (8)



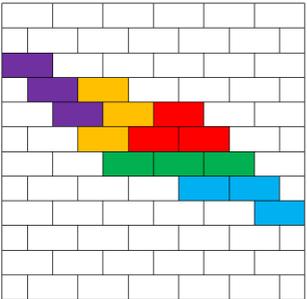
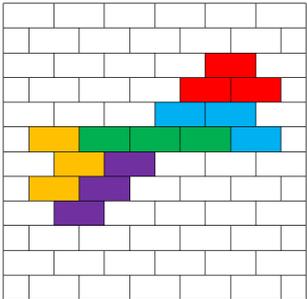
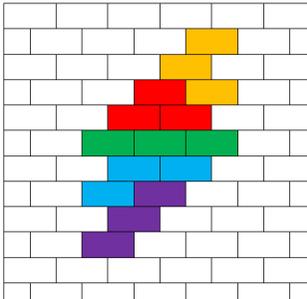
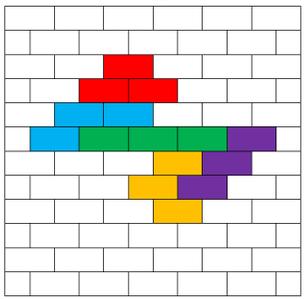
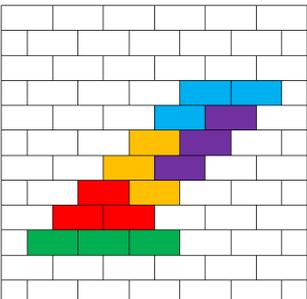
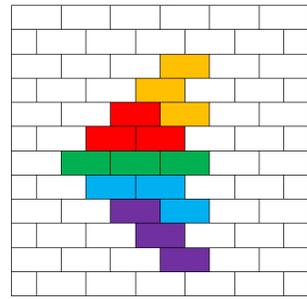
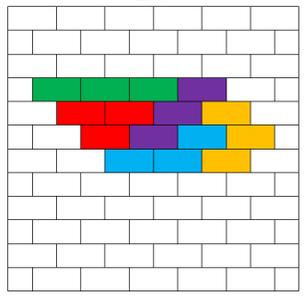
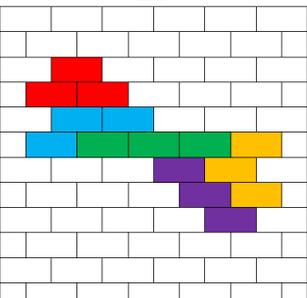
D - Dessiner les assemblages de trois briques qui vont combler le trou des murs (9)



D - Les trous sont bouchés (1)

<p>1</p> 	<p>2</p> 	<p>3</p> 
<p>4</p> 	<p>5</p> 	<p>6</p> 
<p>7</p> 	<p>8</p> 	<p>9</p> 

D - Les trous sont bouchés (2)

<p>10</p> 	<p>11</p> 	<p>12</p> 
<p>13</p> 	<p>14</p> 	<p>15</p> 
<p>16</p> 	<p>17</p> 	<p>18</p> 