



Муниципальное автономное
дошкольное образовательное учреждение
«Детский сад комбинированного вида №25 «Рябинка»

**«Сборник схем по Лего-конструированию
на формирование комбинаторных способностей
и развитие пространственного мышления»**

Подготовила:
Воспитатель 11 группы «Солнышко»
Петрушенко А.О

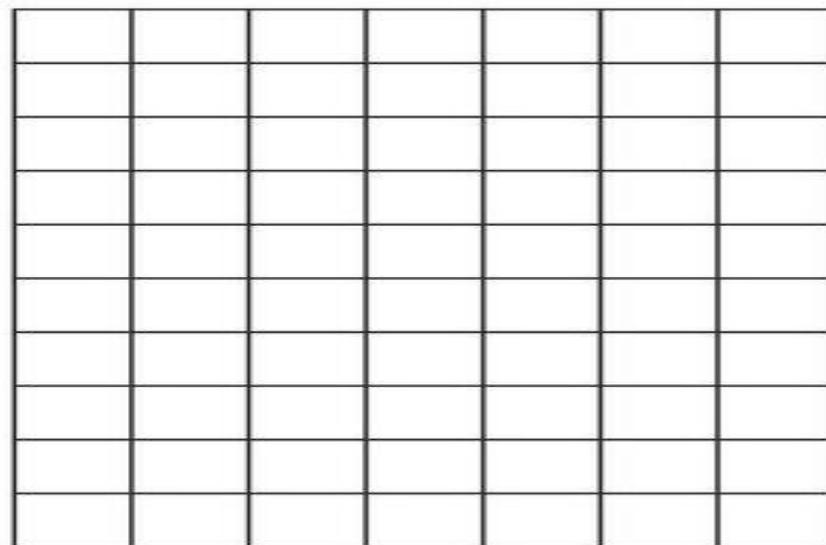
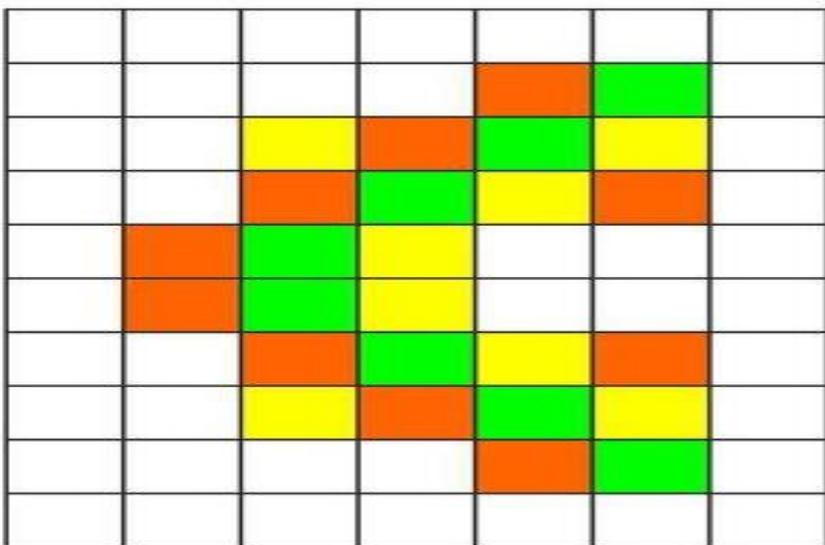
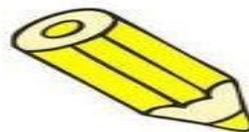
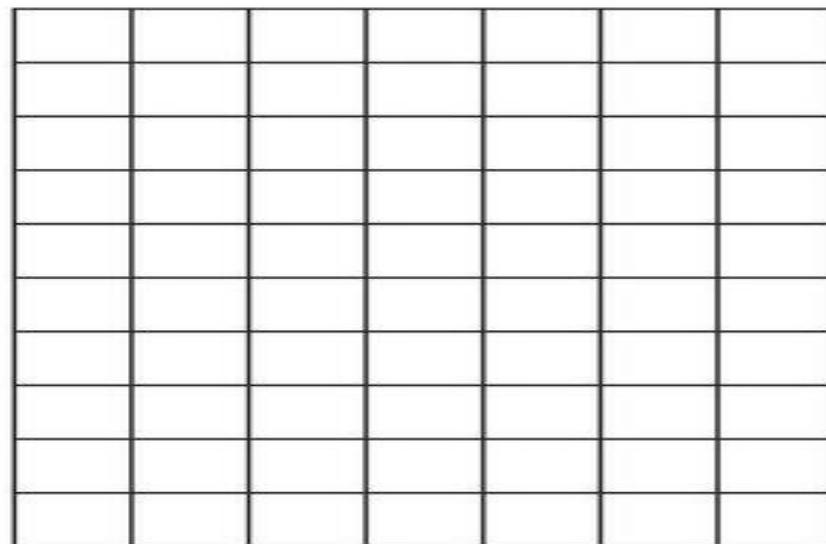
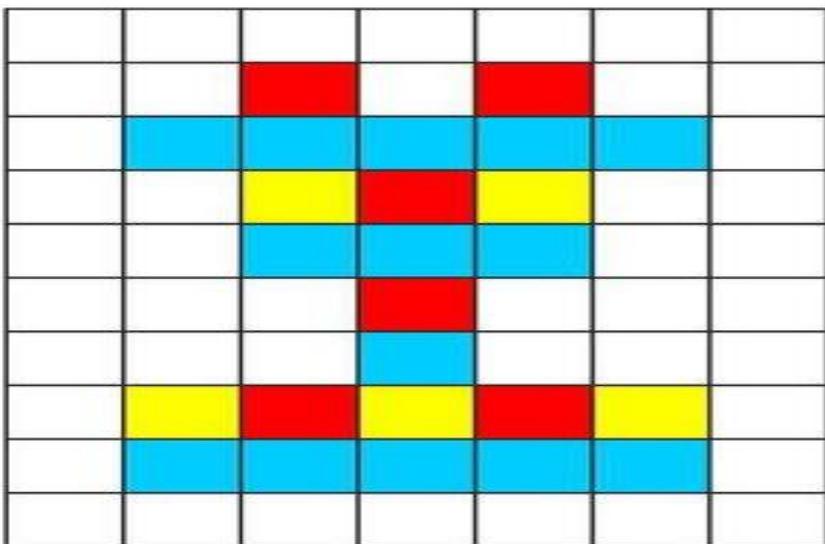
г. Бердск 2024

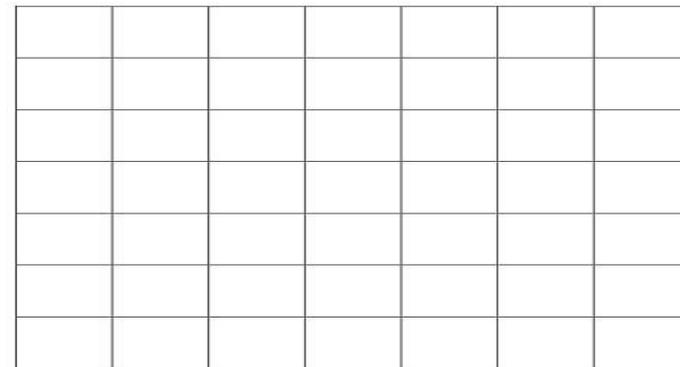
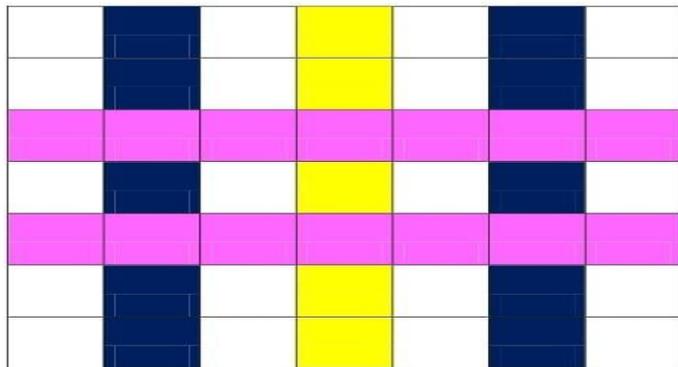
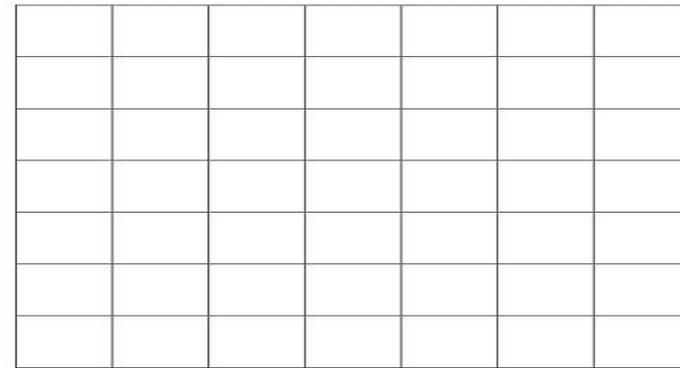
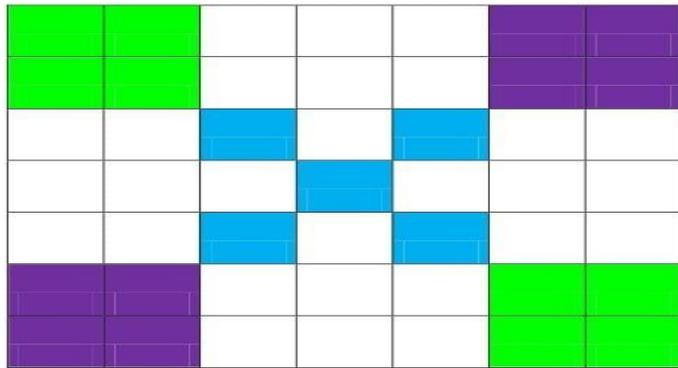
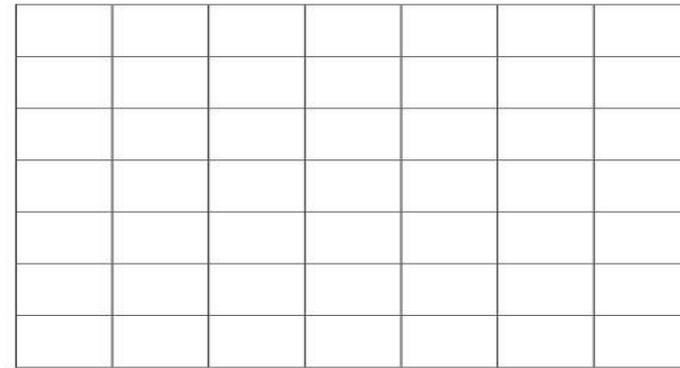
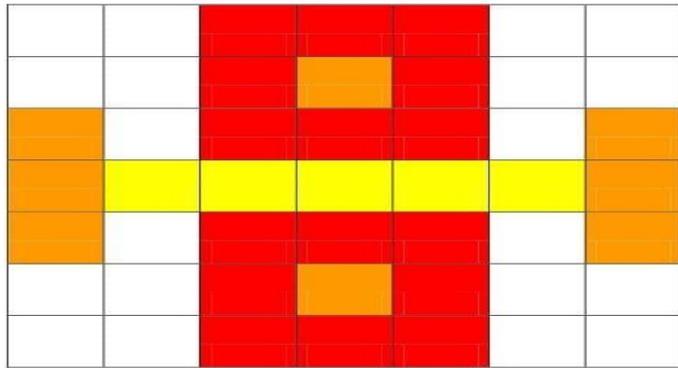
«Повтори узор»

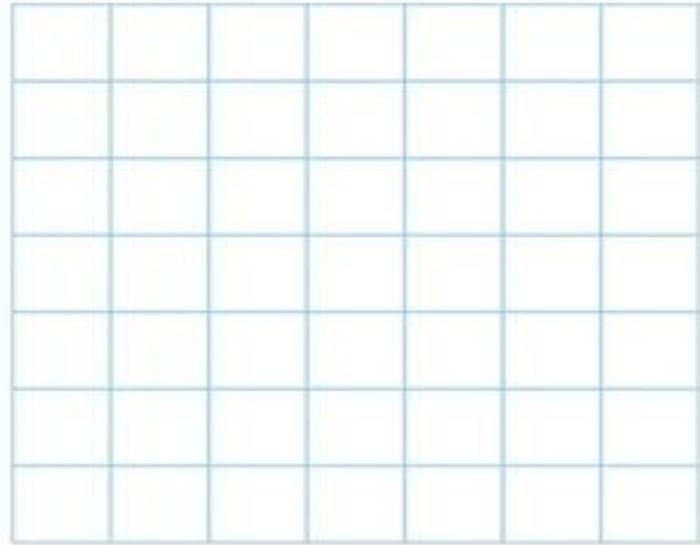
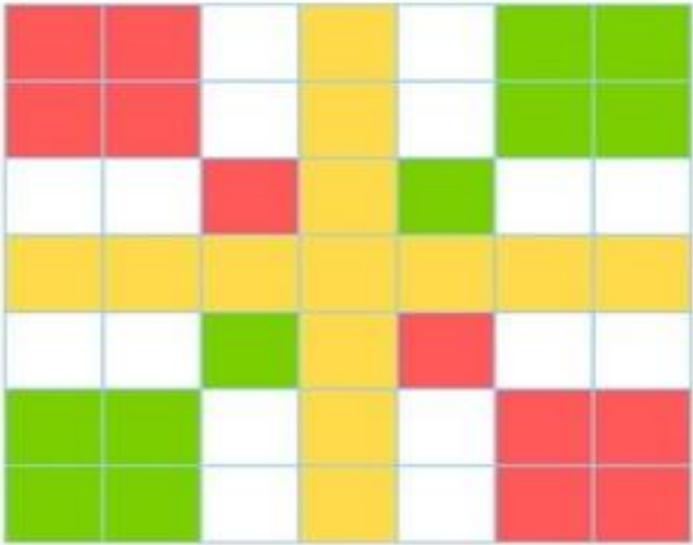
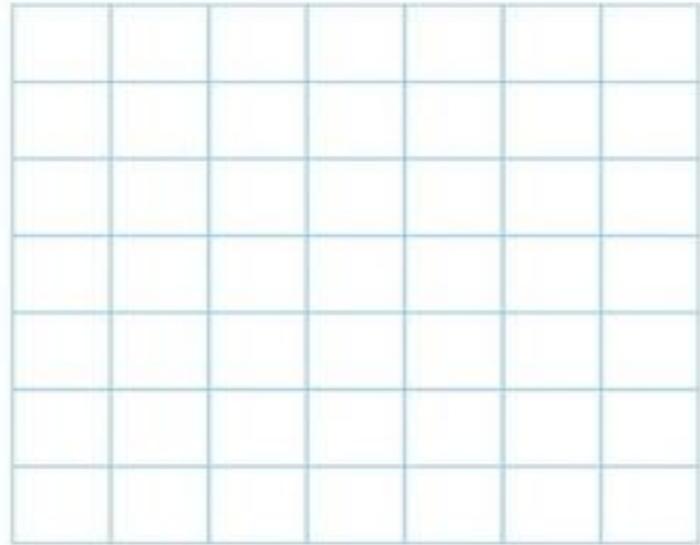
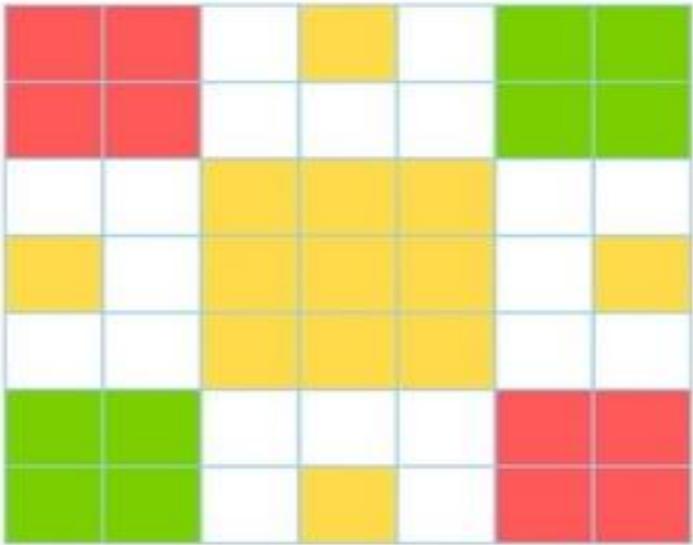
Задачи: развивать зрительную память и умение ориентироваться на плоскости. Формировать представление о количественном соответствии (детали конструктора), умение видеть части в целом, развитие комбинаторных способностей. Формировать у детей представление о признаках: «части», «размер».

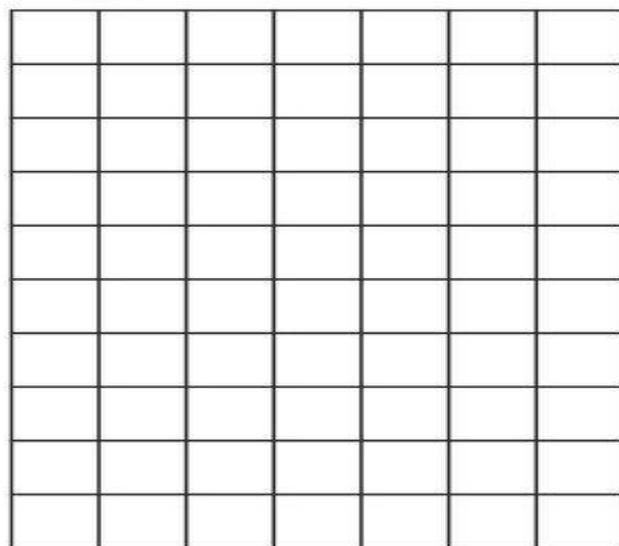
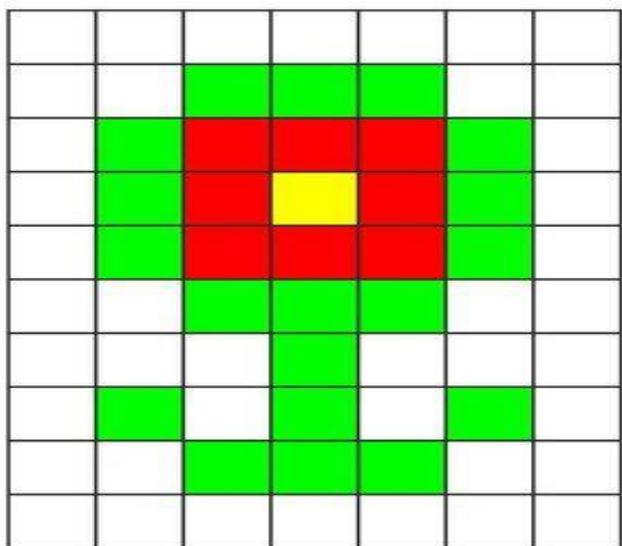
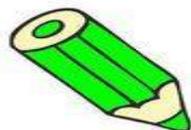
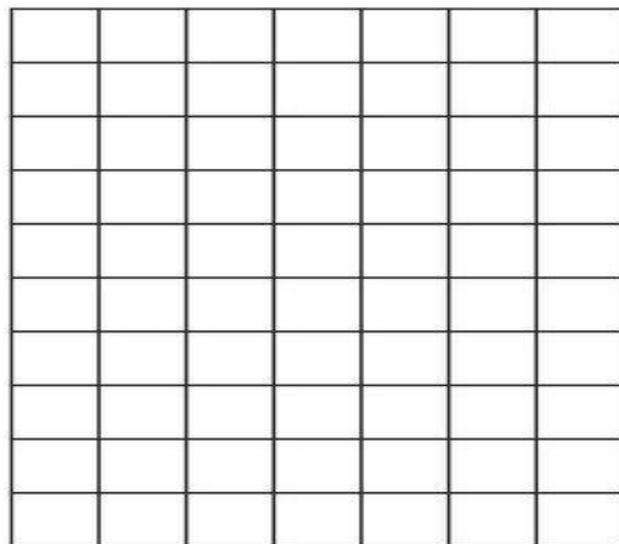
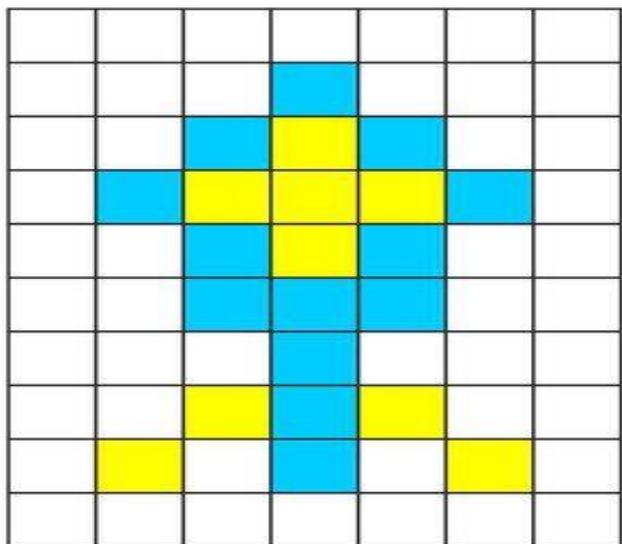
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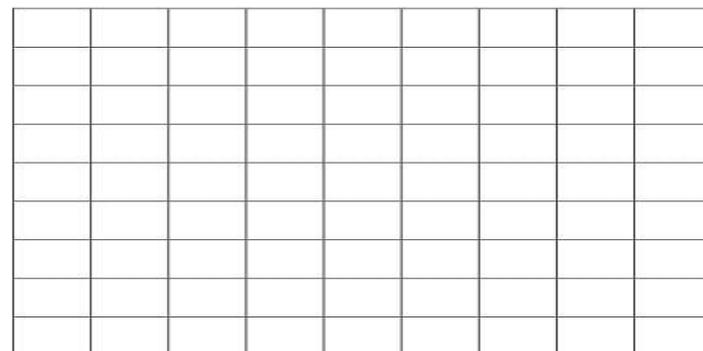
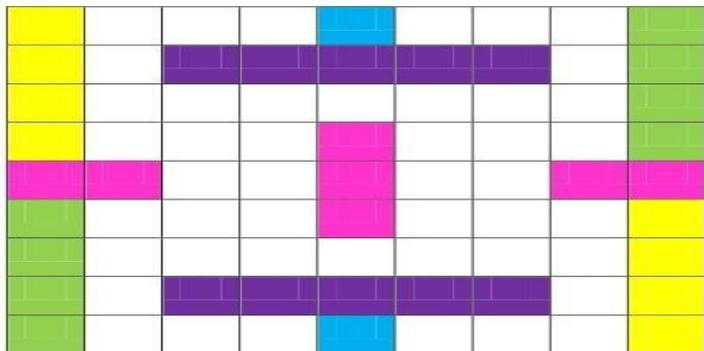
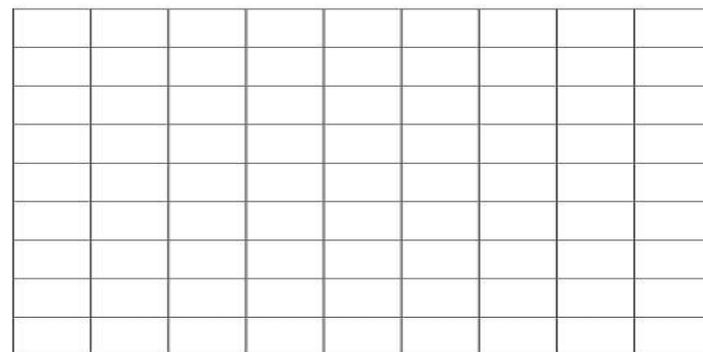
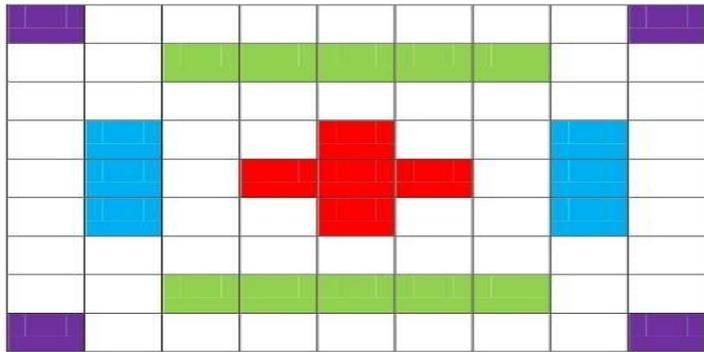
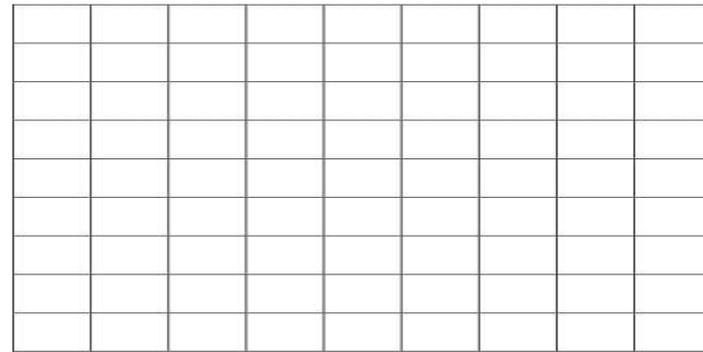
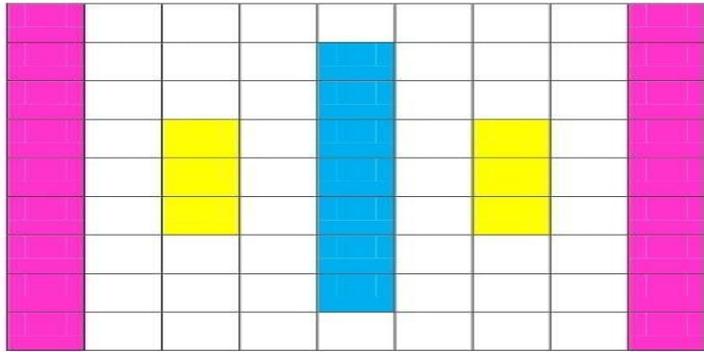
1. закрасить пустое поле, так же как на выбранной карточке
2. Выложить узор на пустом листе-поле с использованием деталей лего-конструктора
3. Взять лего-поле и повторить узор, конструируя образец на плоскости.









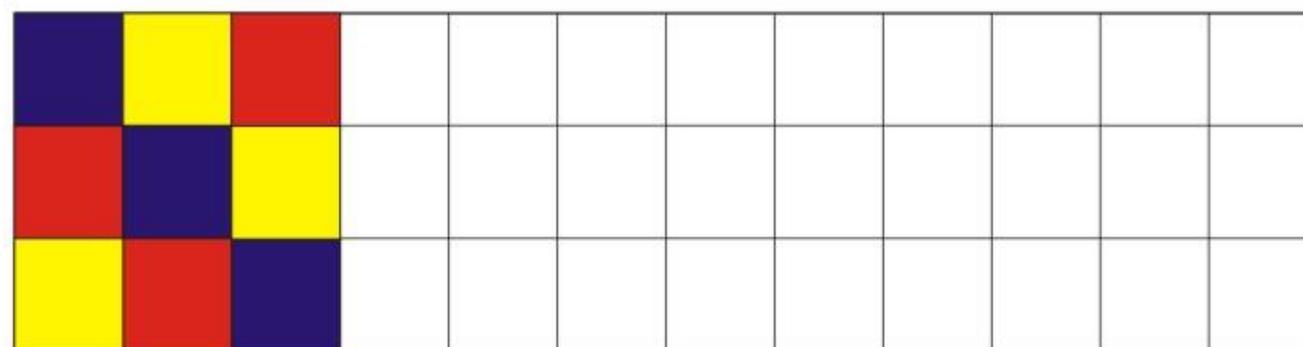
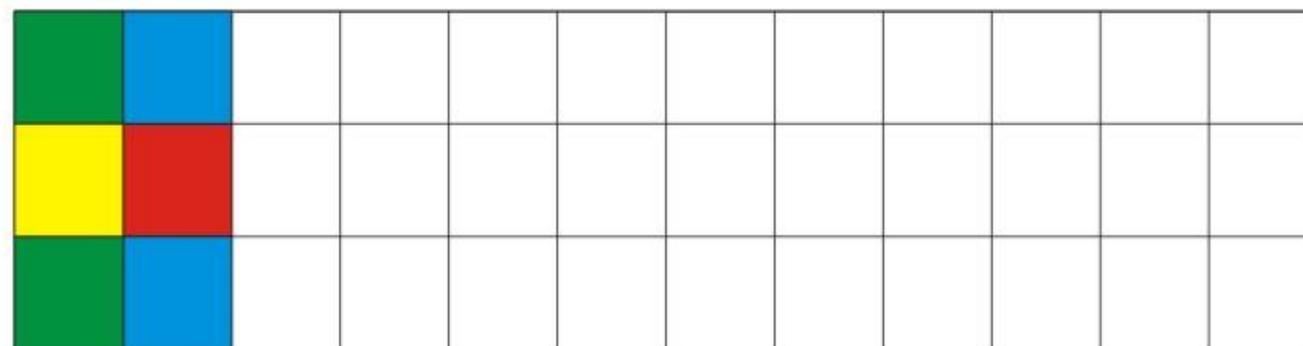
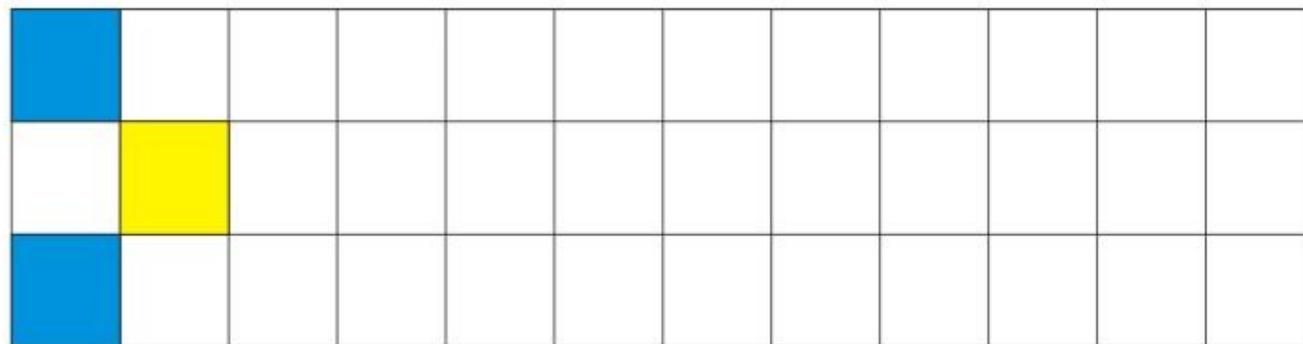


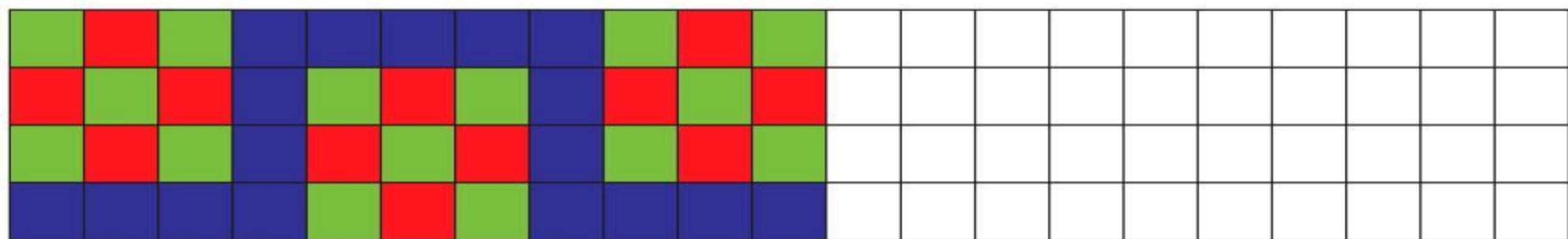
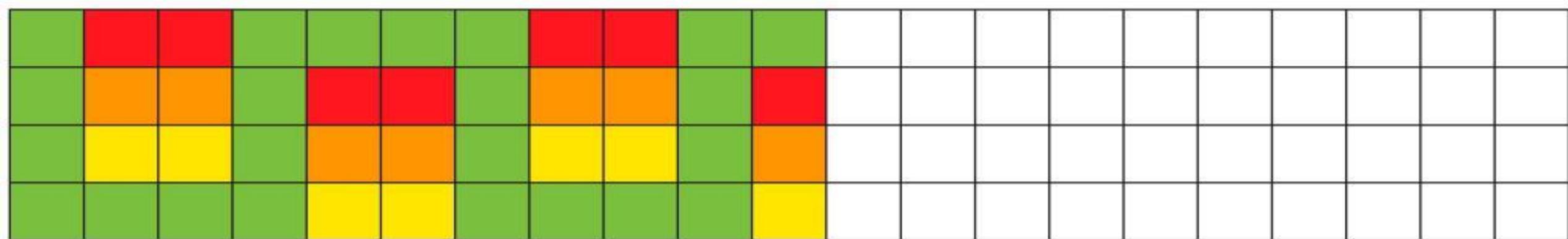
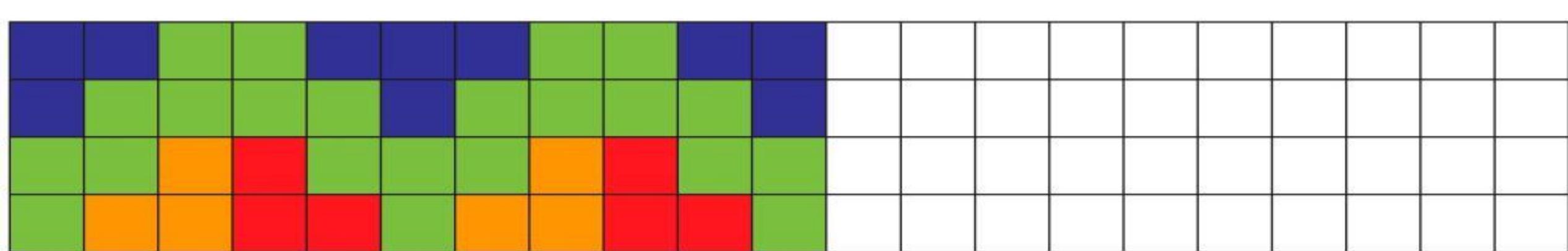
«Продолжи ряд»

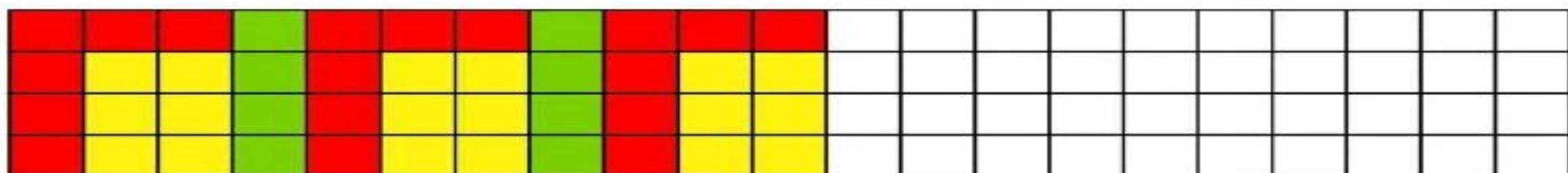
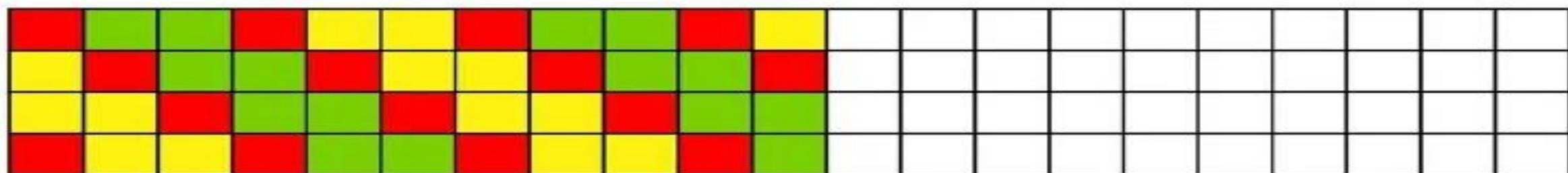
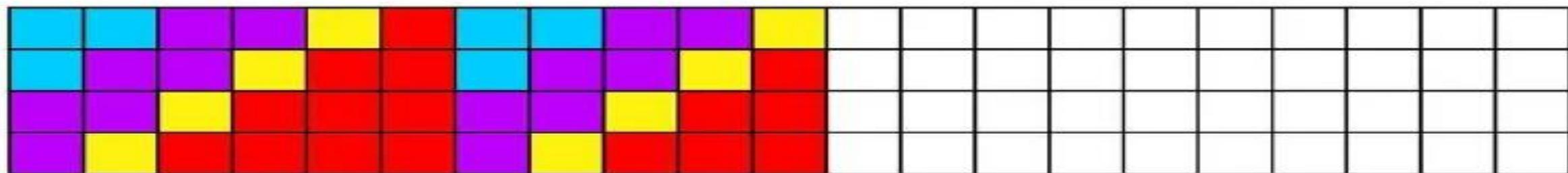
Задачи: развивать комбинаторные способности, познавательные процессы: внимание память, мышление. Развивать пространственное мышление.

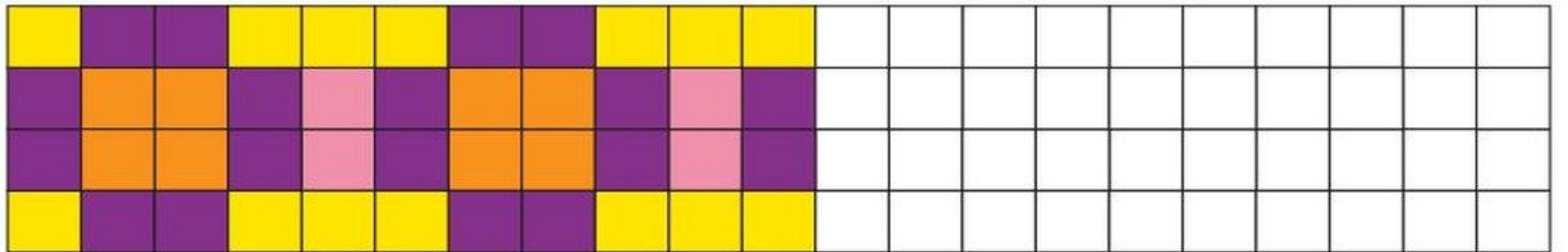
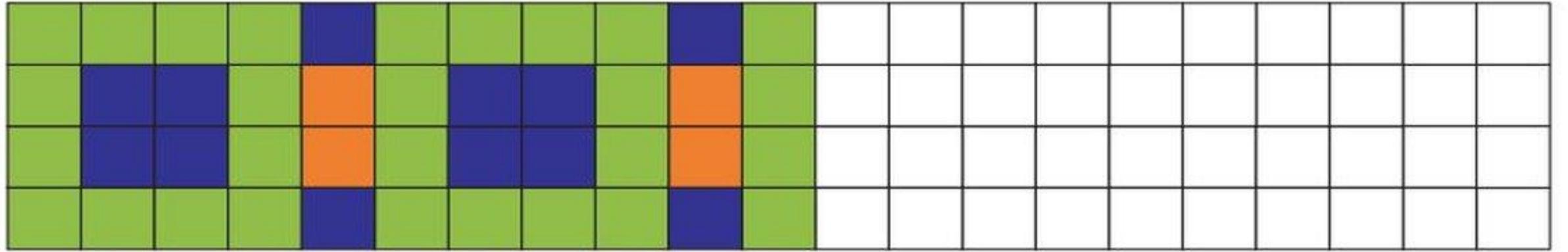
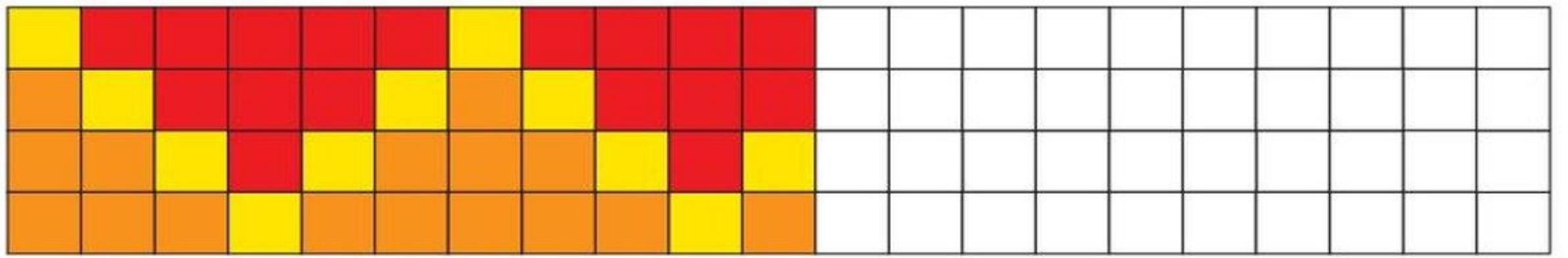
Используя данные схемы можно детям давать различные способы выполнения задания:

1. Выложить узор на пустом листе-поле с использованием деталей лего-конструктора
2. Взять лего-поле и повторить узор, конструируя образец на плоскости.
3. Выполнять задание можно и в письменном виде, используя данные схемы, таким образом можно тренировать руку к письму и развивать умение рисовать по клеткам.







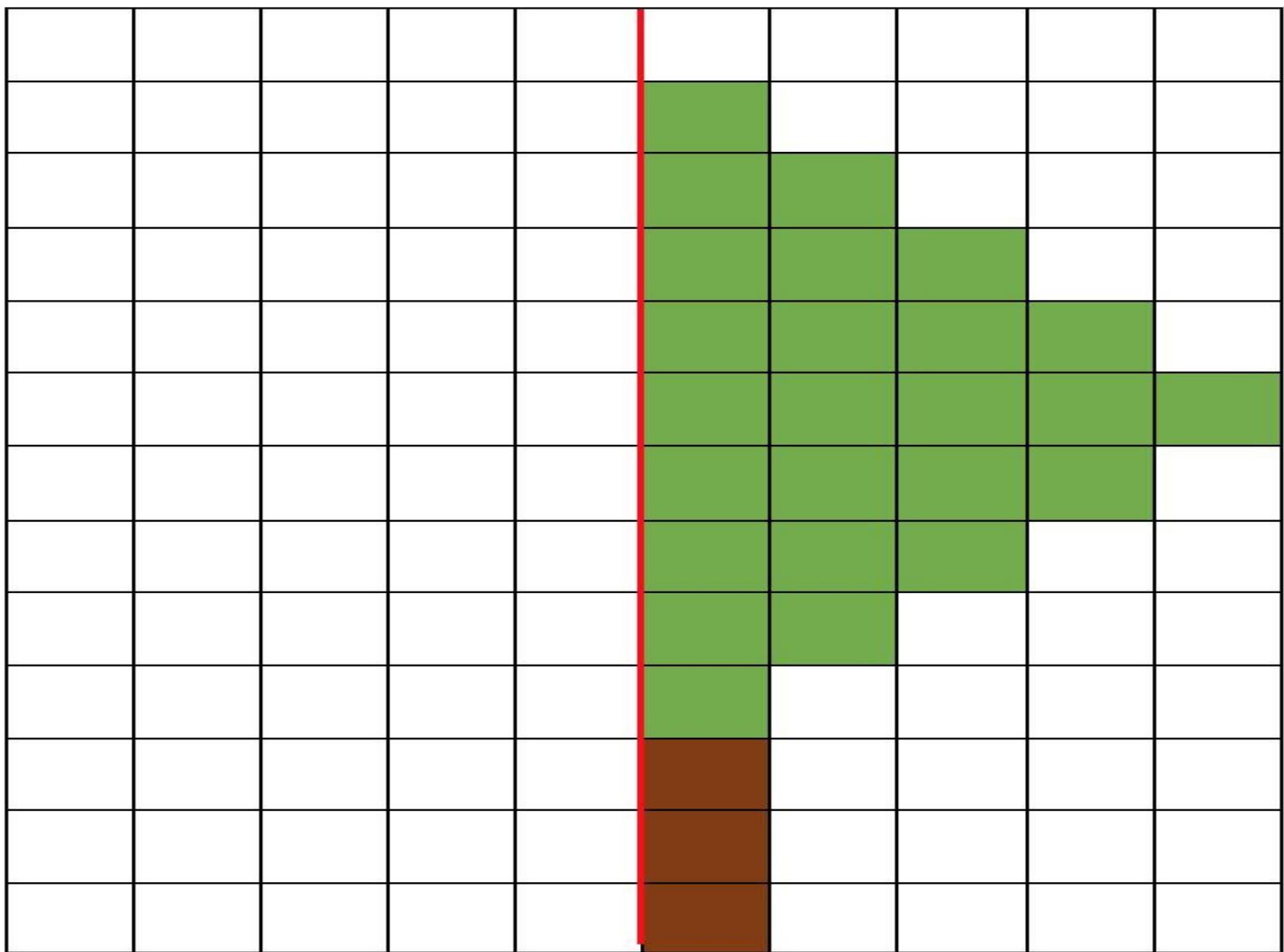


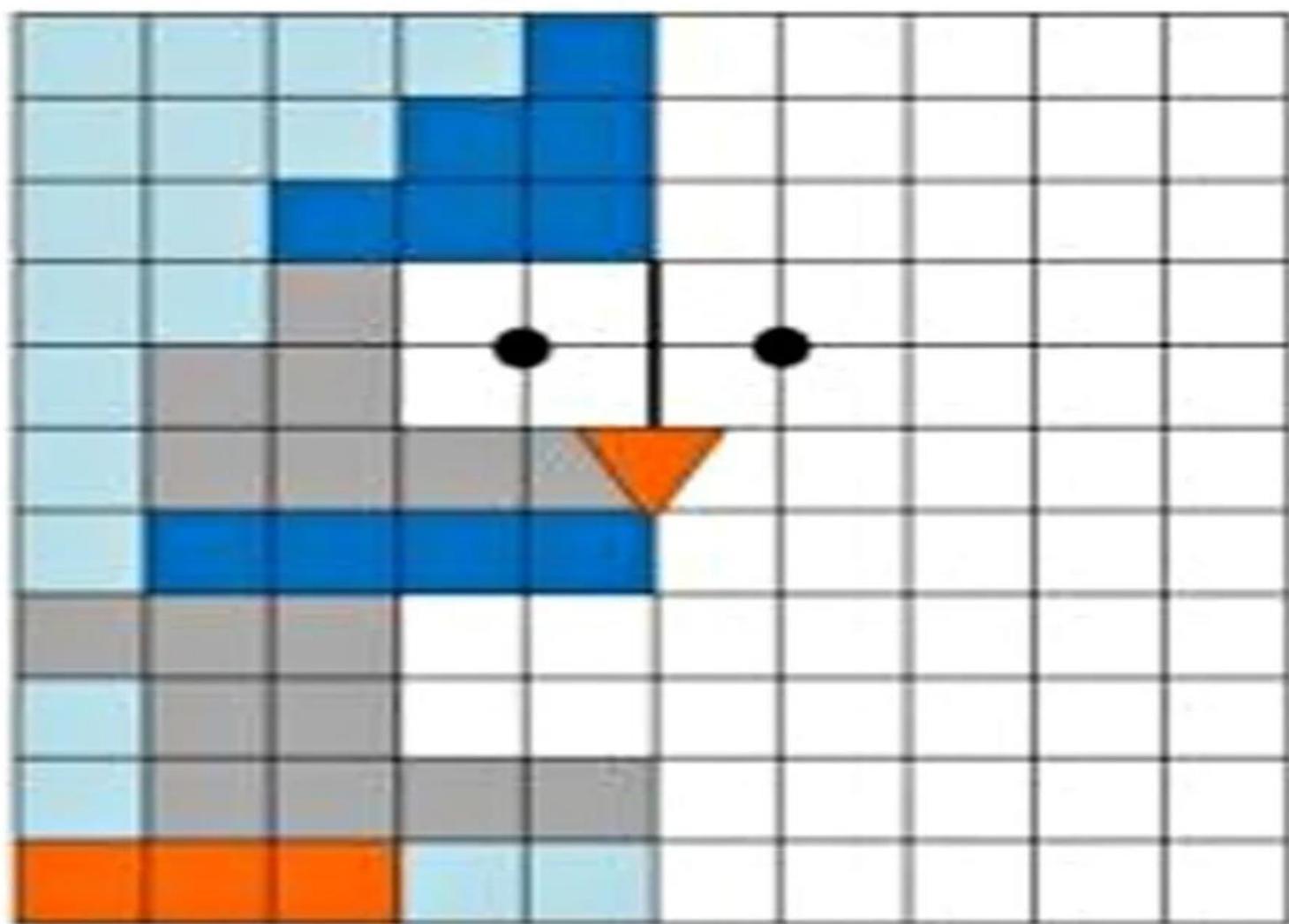


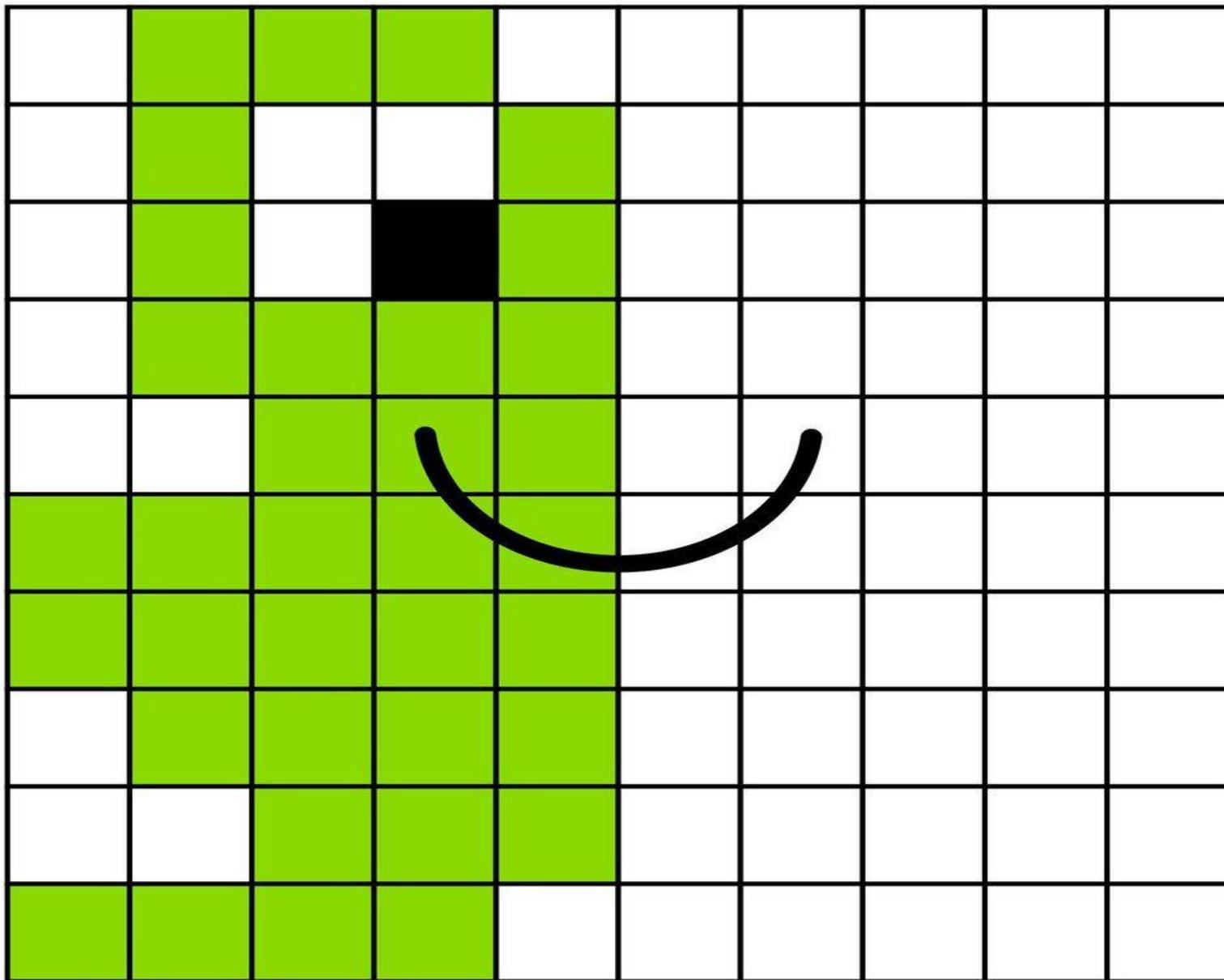
«Половинки»

Задача: развивать умение симметрично выкладывать узор

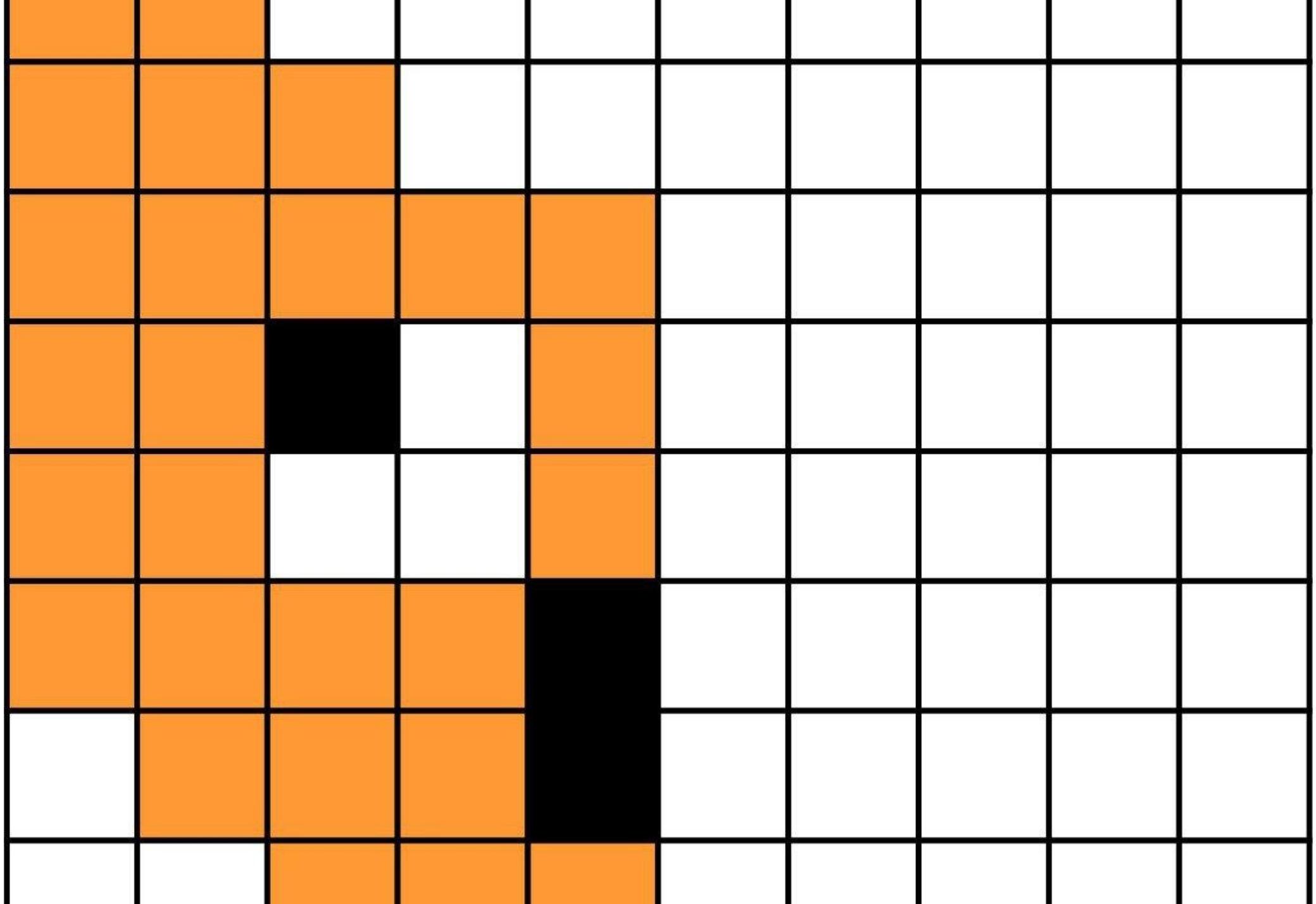
Можно разделить детей по парам или использовать самостоятельную работу.

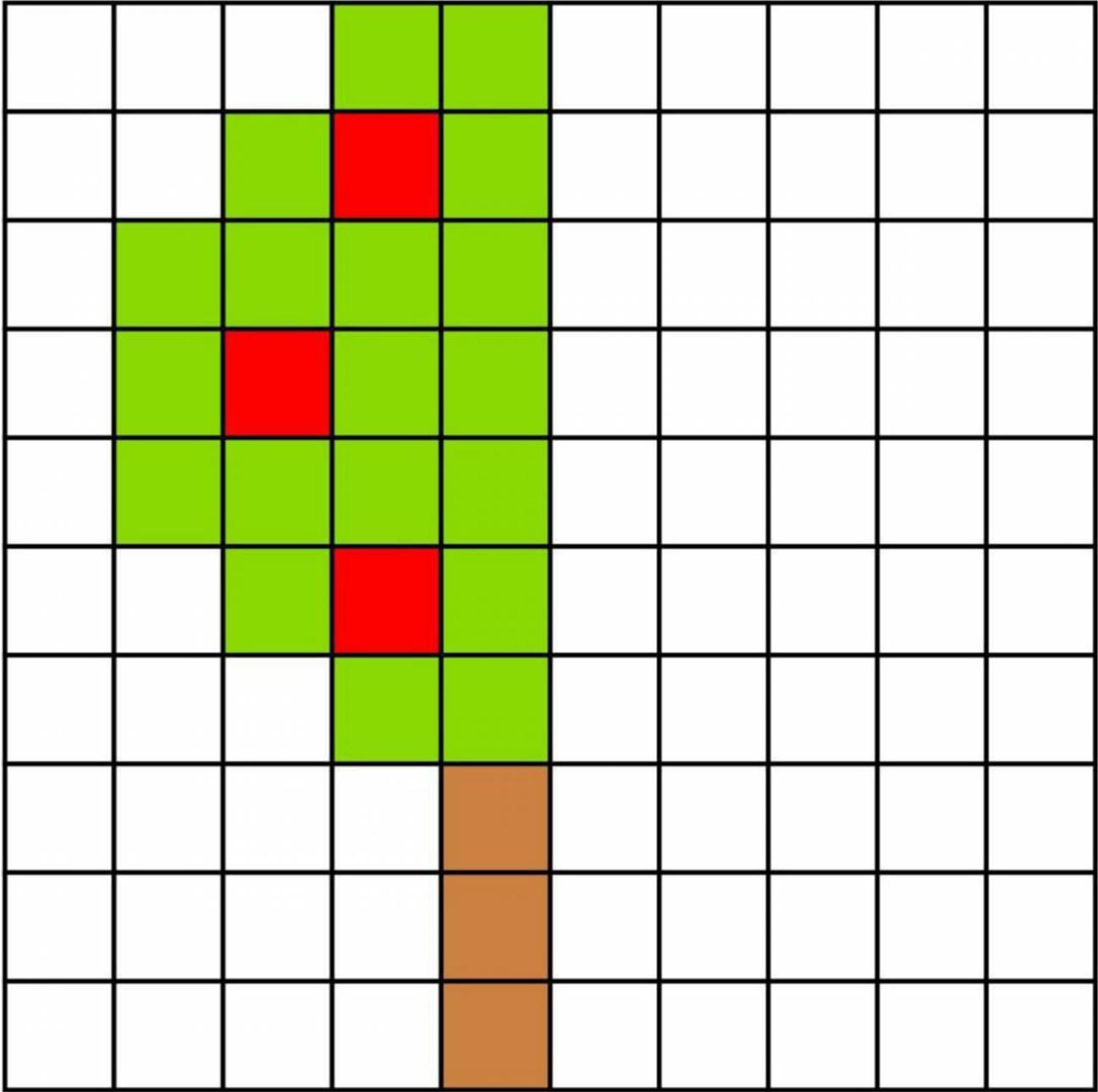


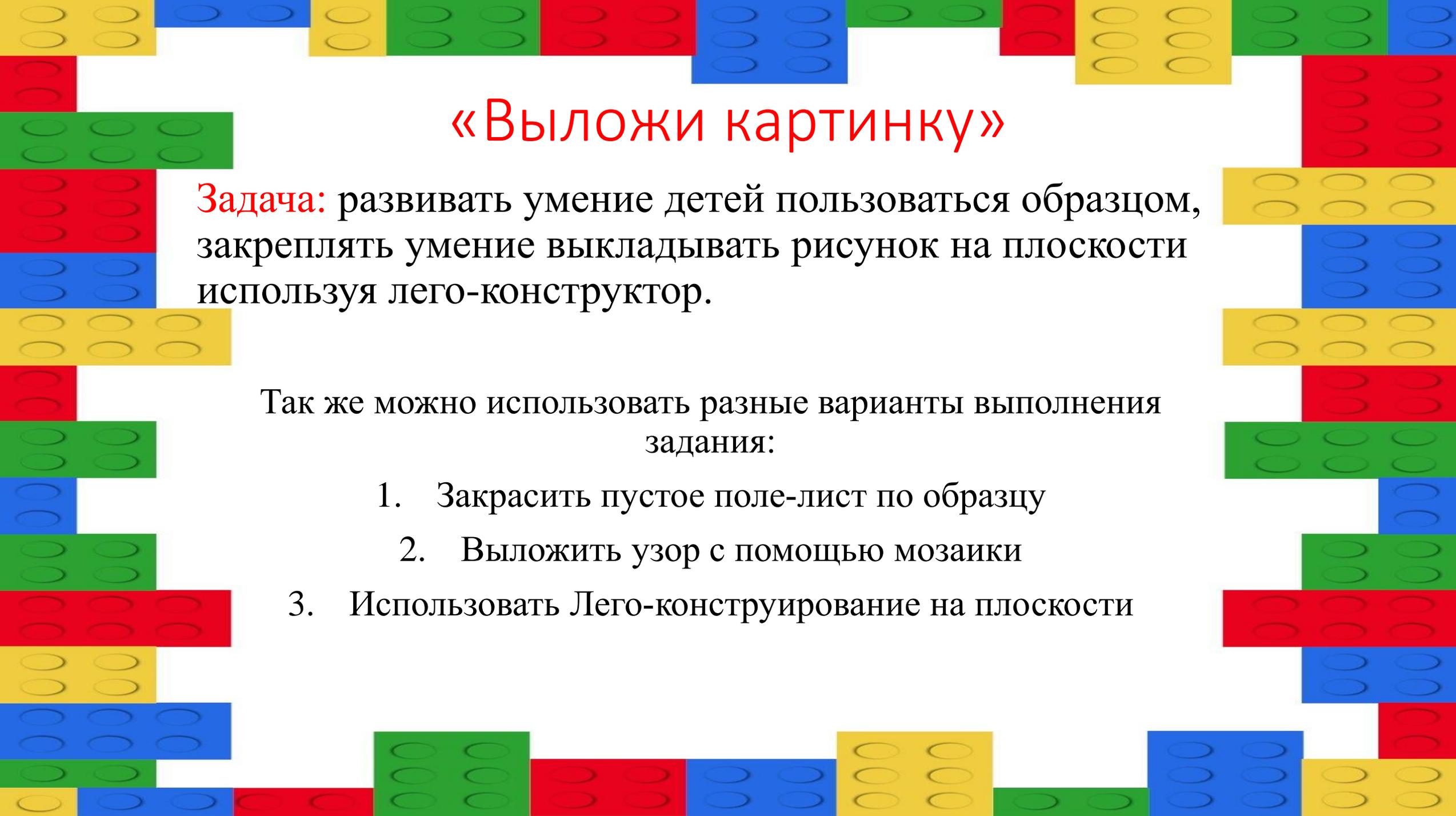




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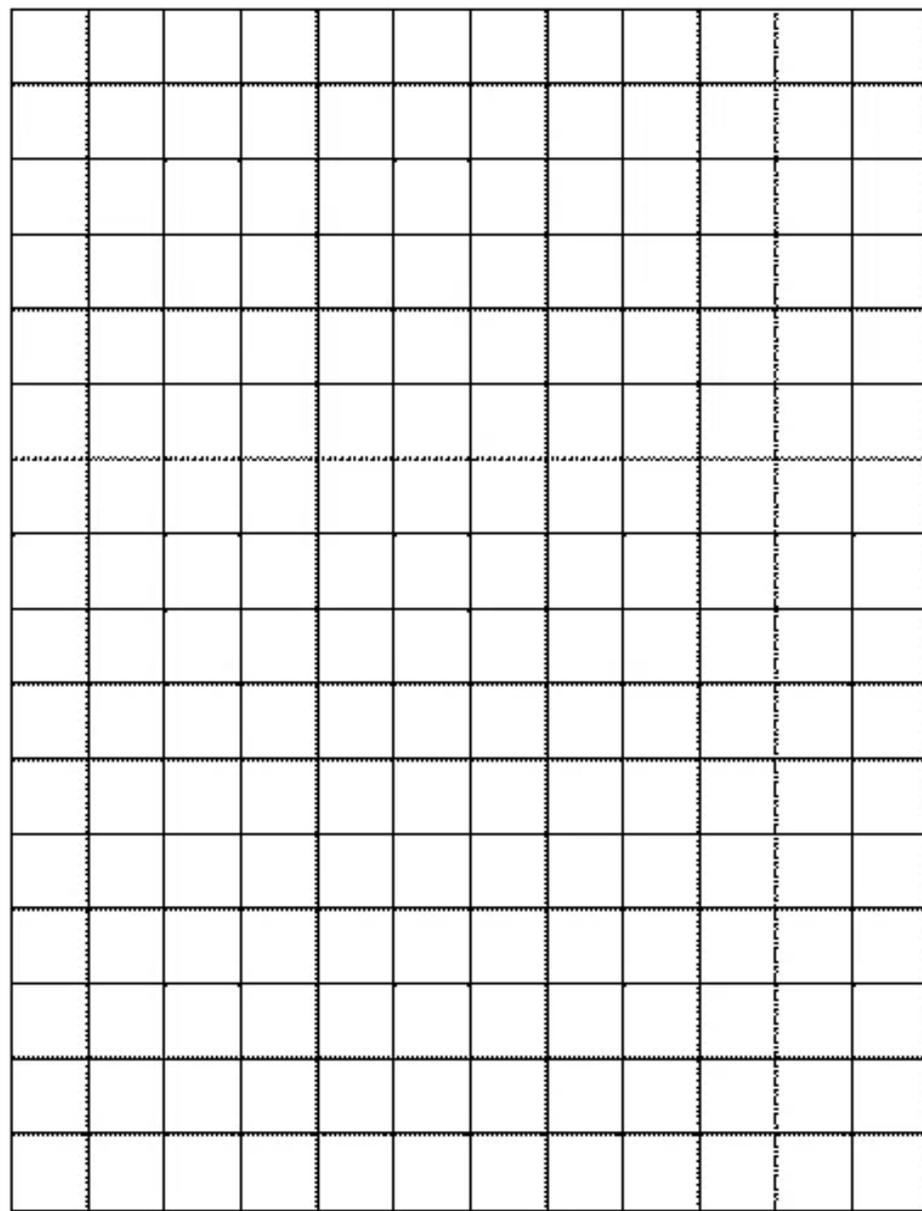
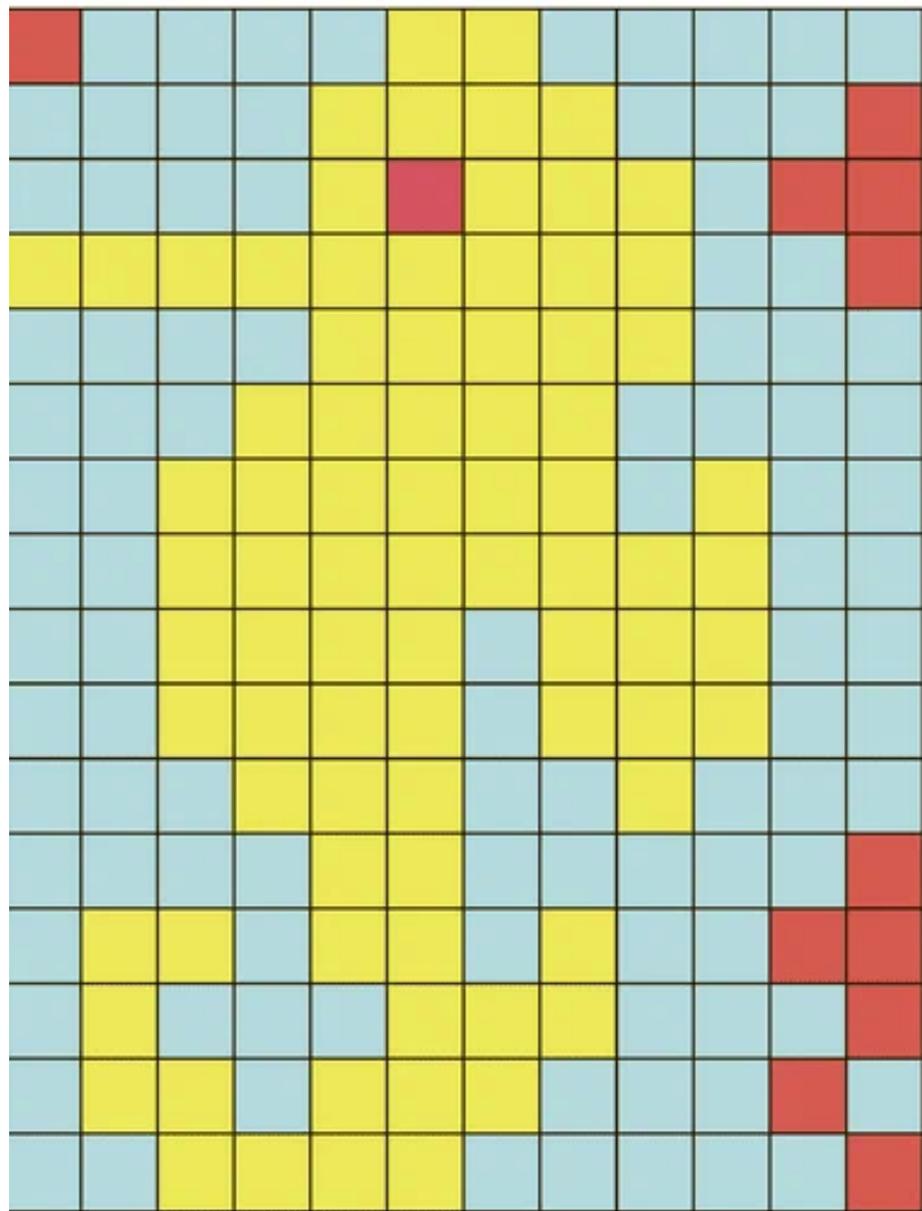


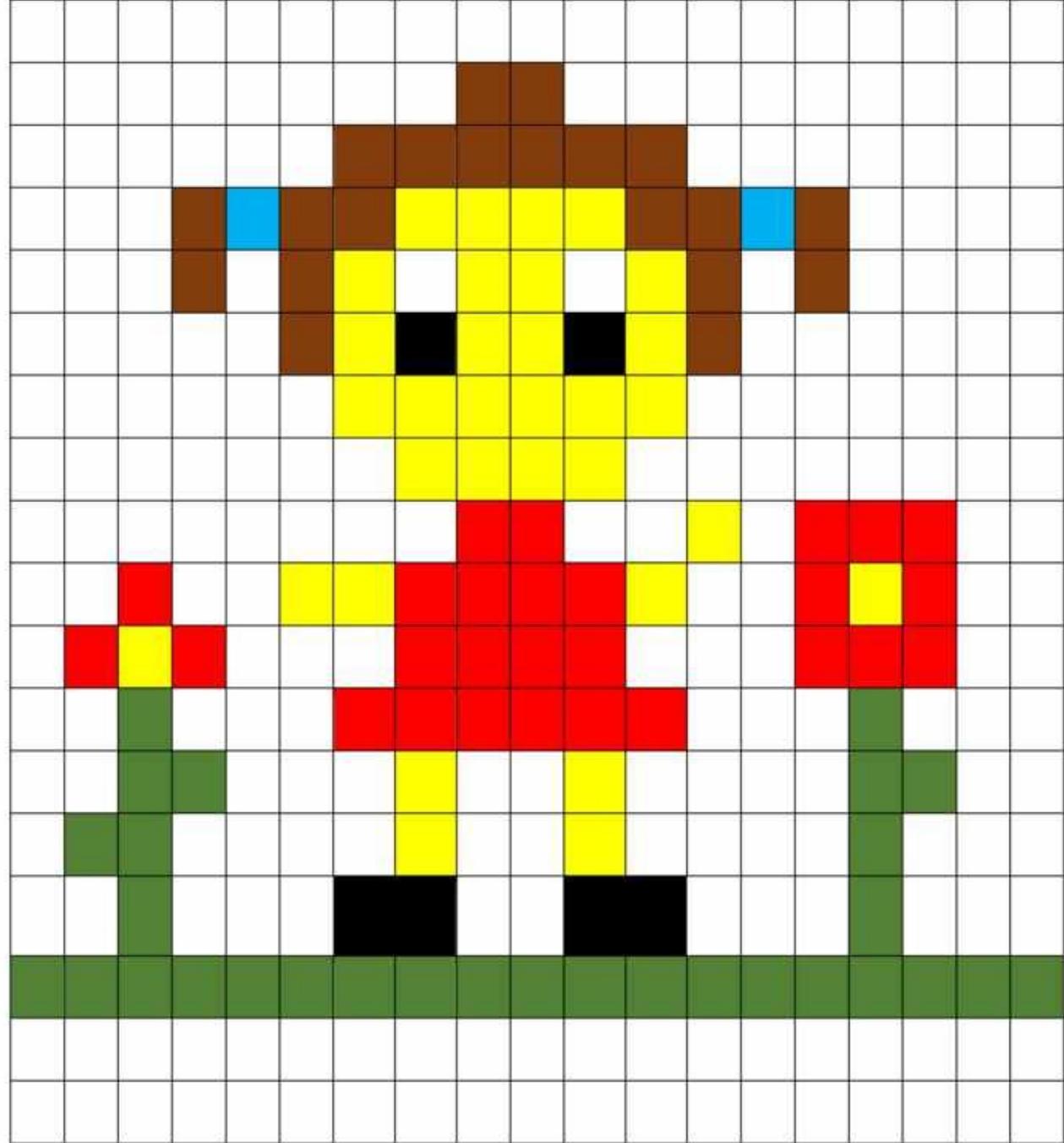
«Выложи картинку»

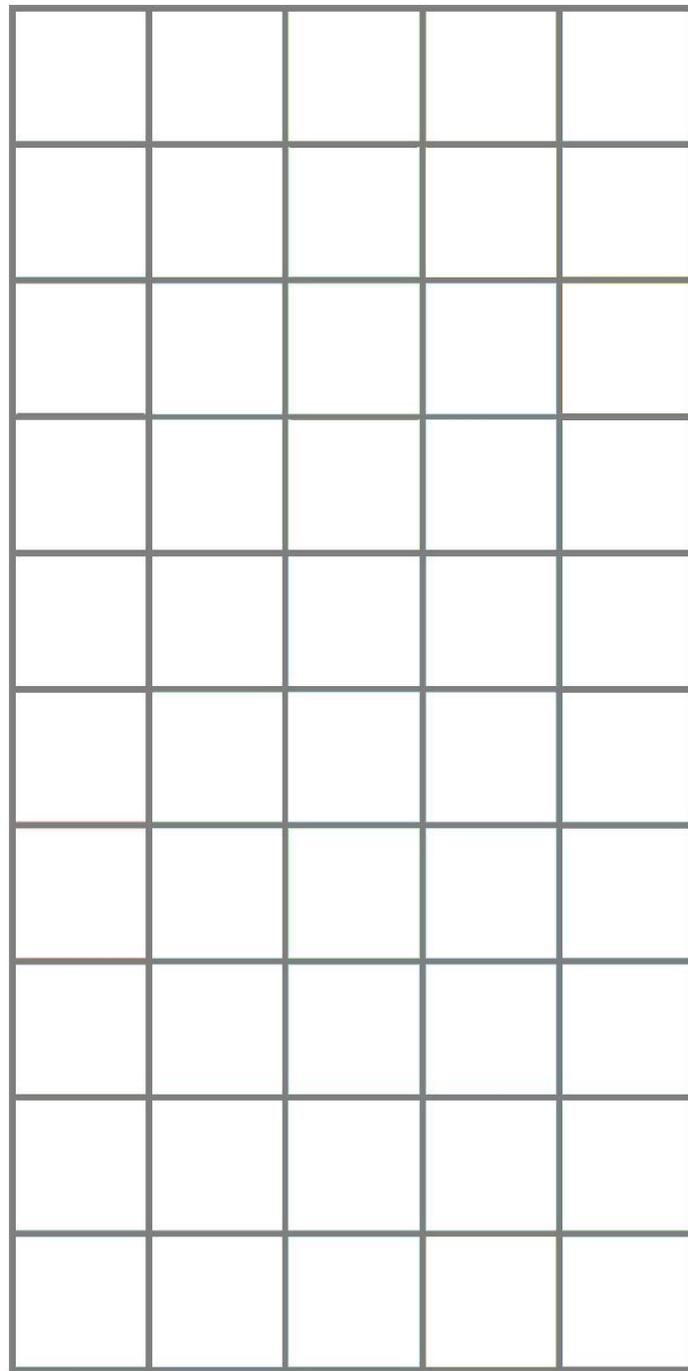
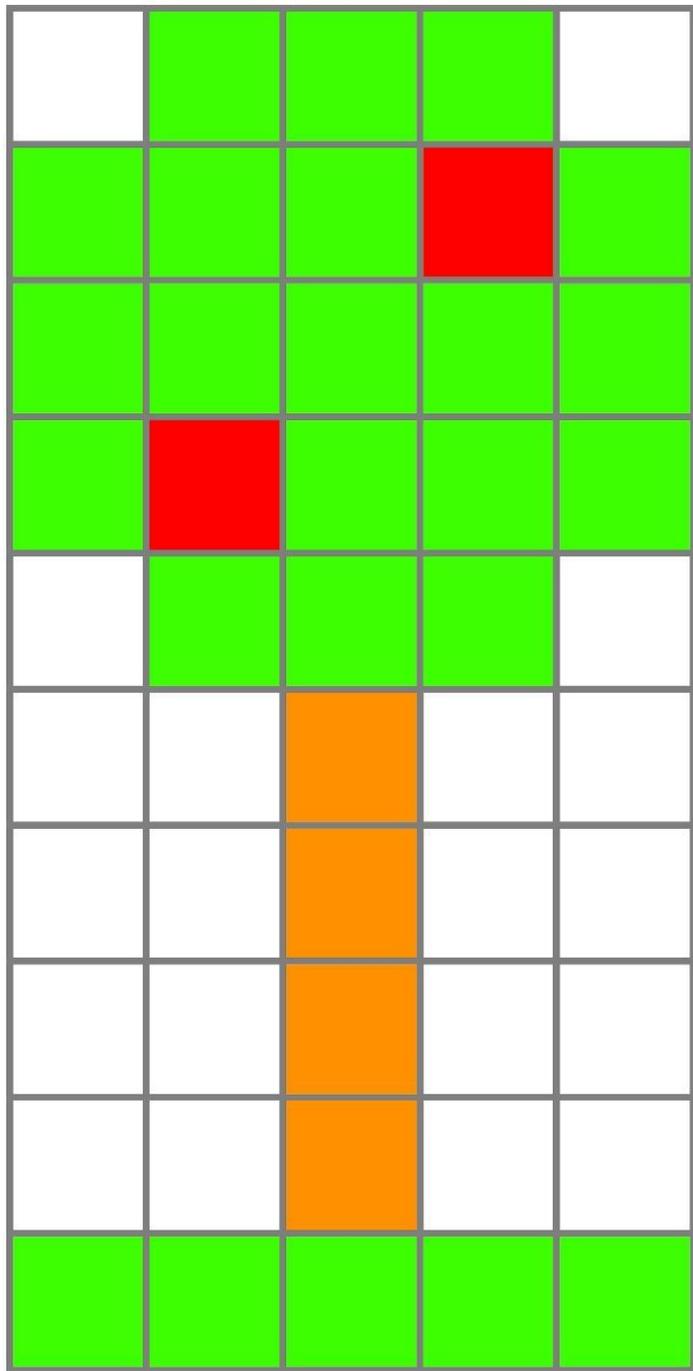
Задача: развивать умение детей пользоваться образцом, закреплять умение выкладывать рисунок на плоскости используя лего-конструктор.

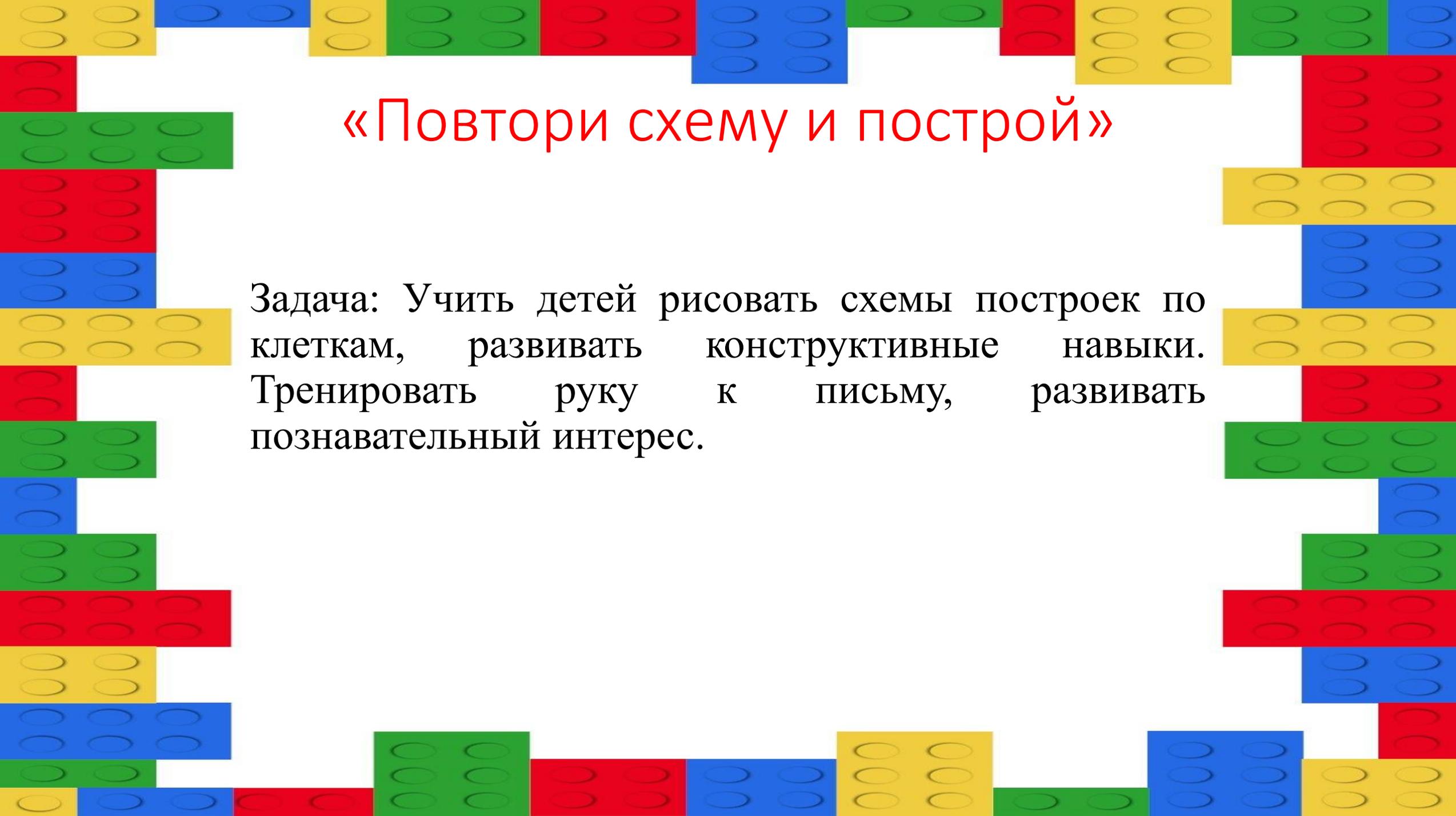
Так же можно использовать разные варианты выполнения задания:

1. Закрасить пустое поле-лист по образцу
2. Выложить узор с помощью мозаики
3. Использовать Лего-конструирование на плоскости



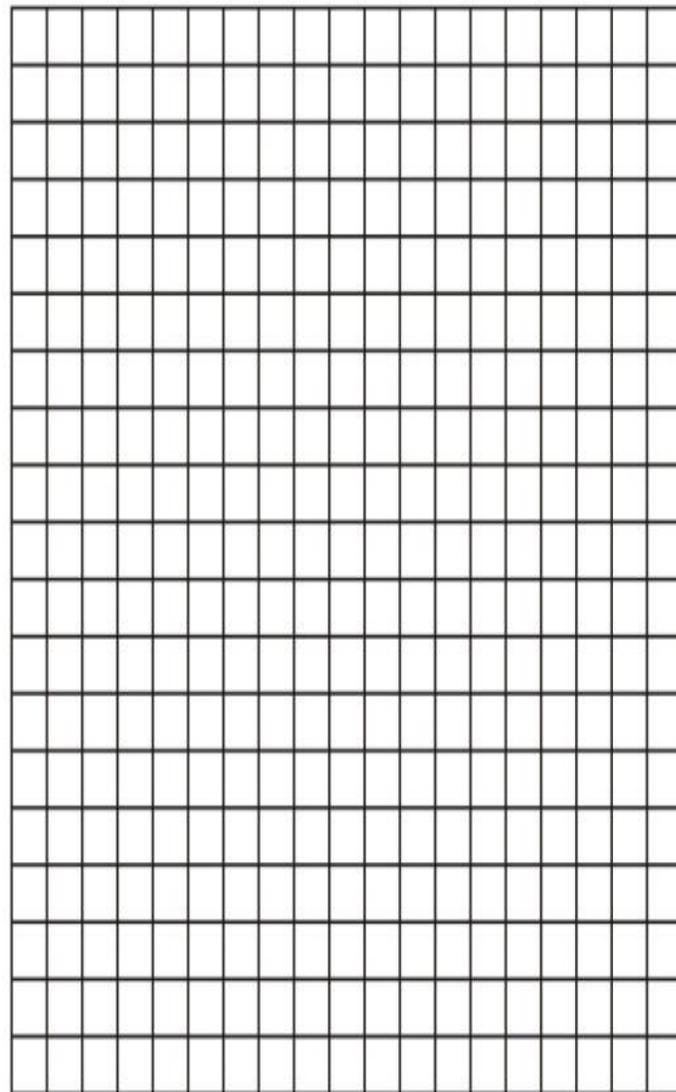
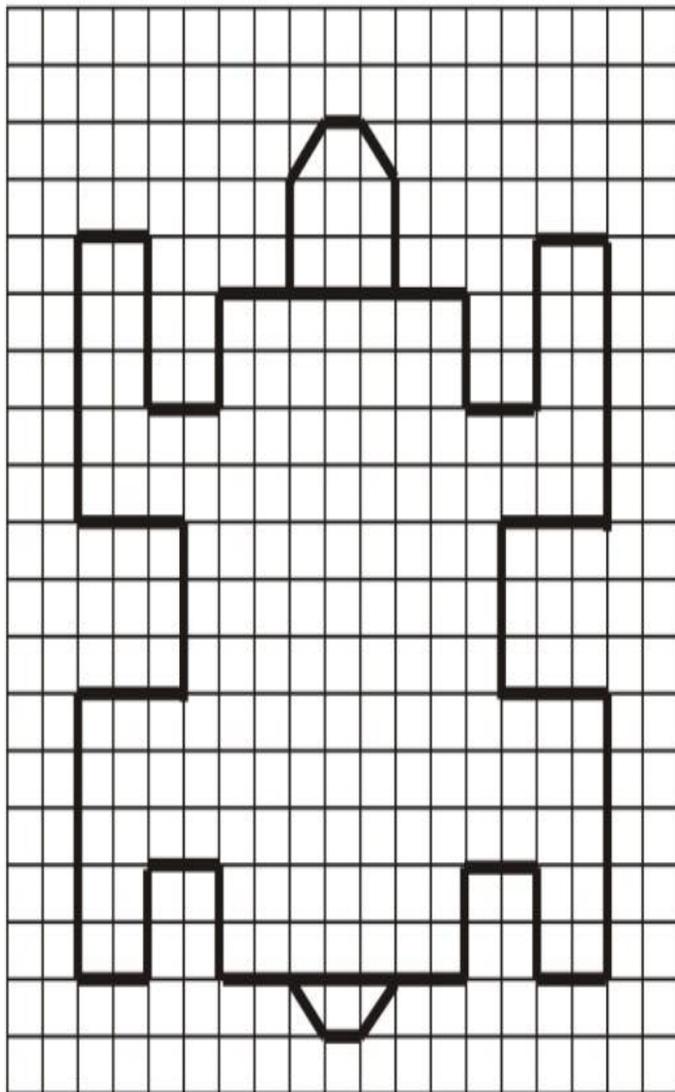


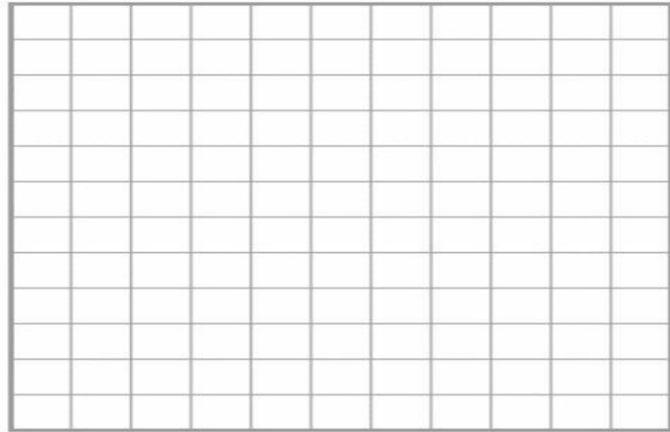
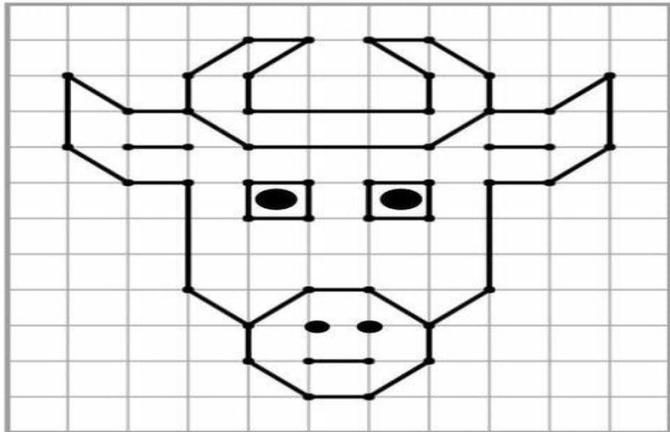
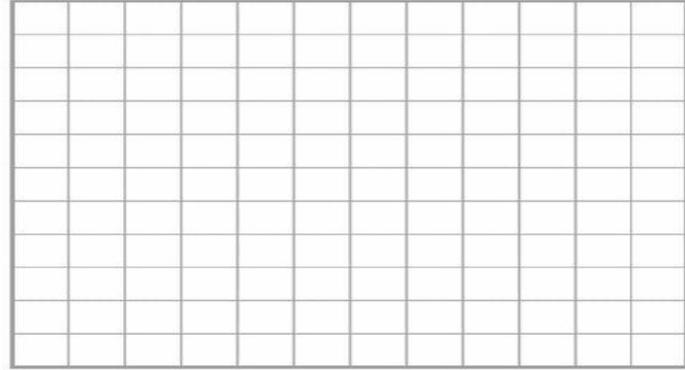
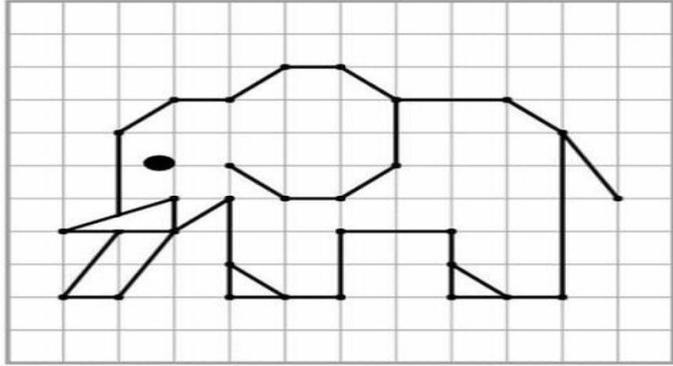
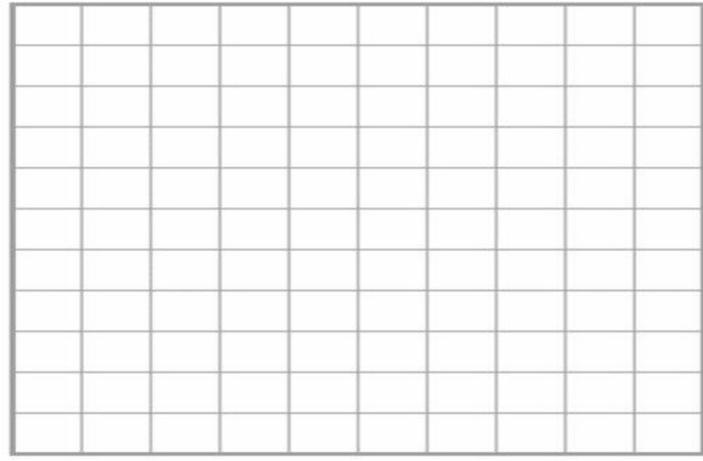
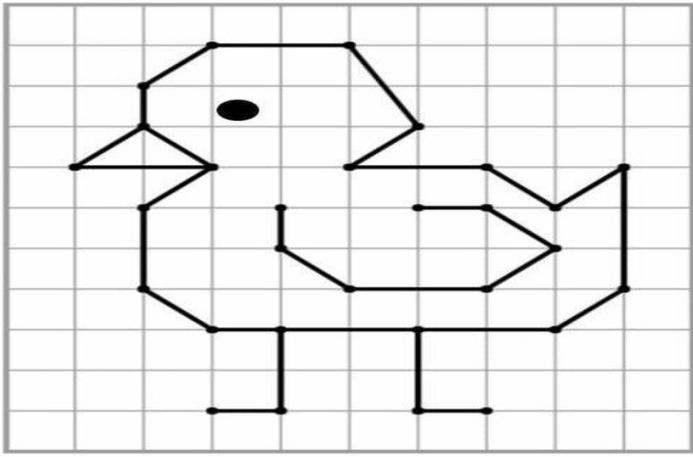


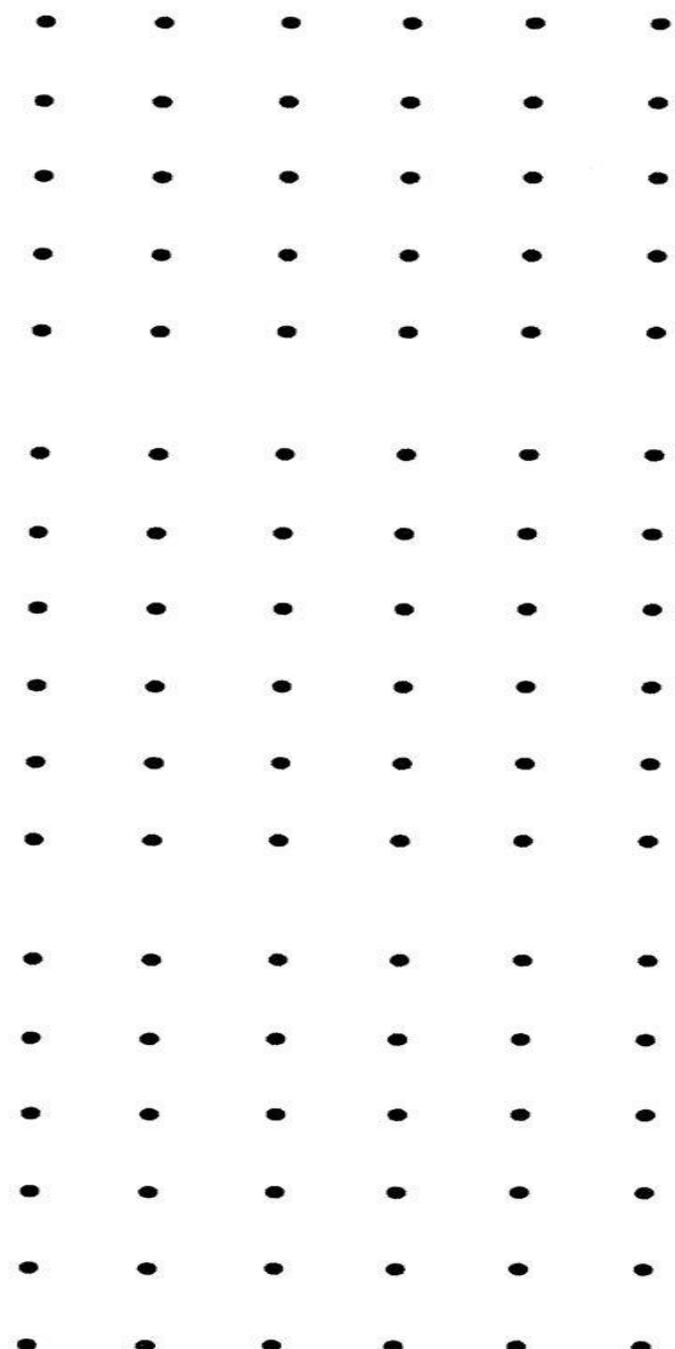
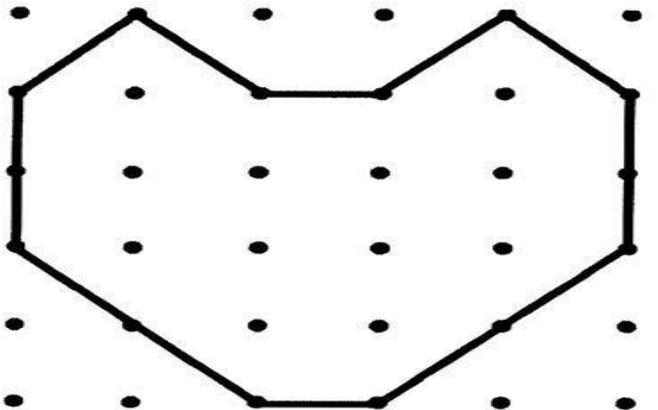
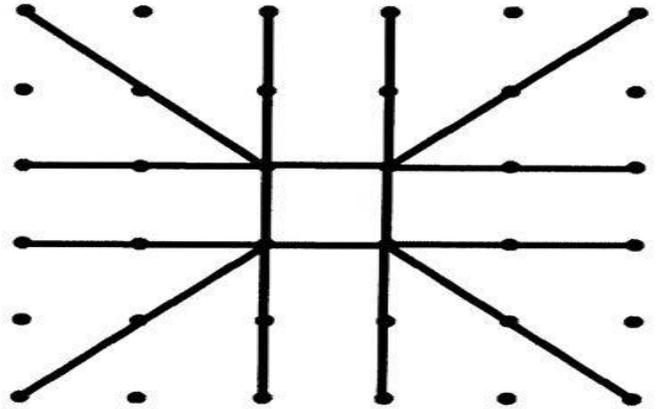
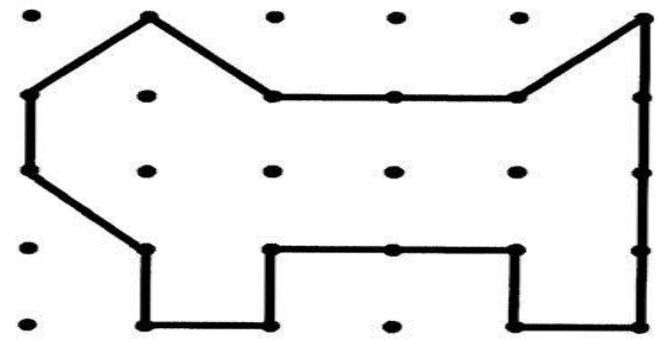


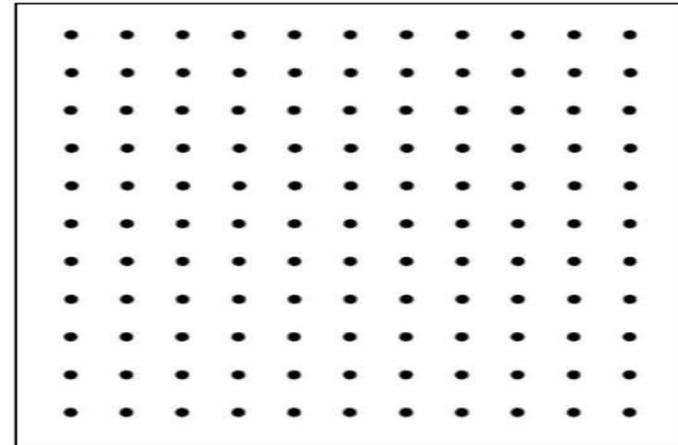
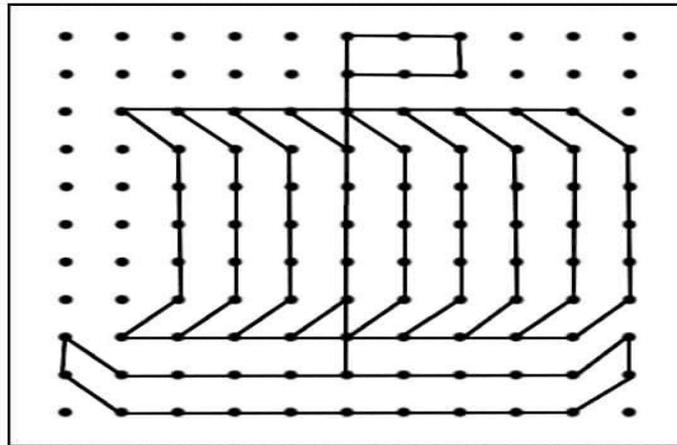
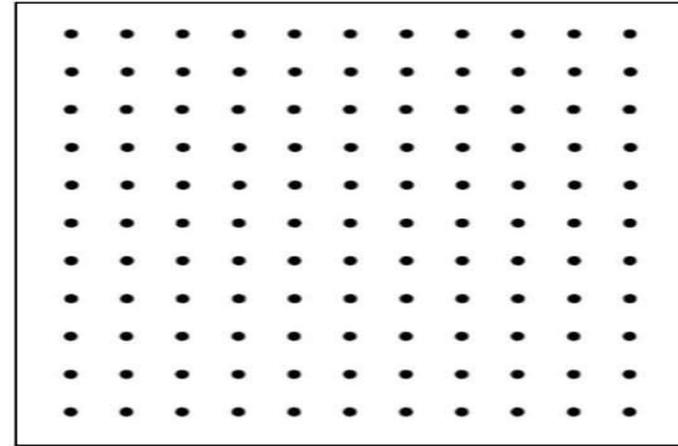
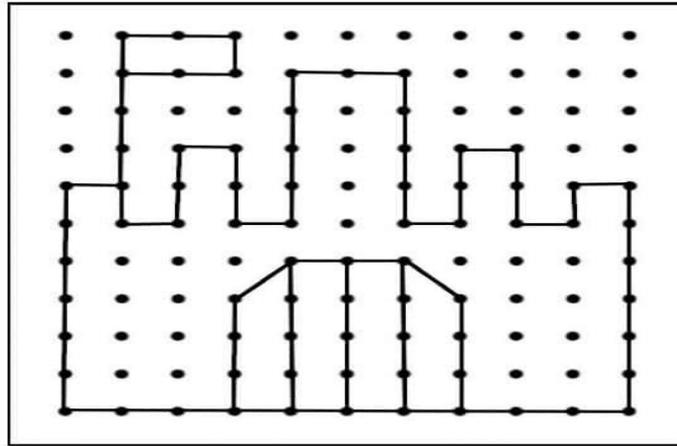
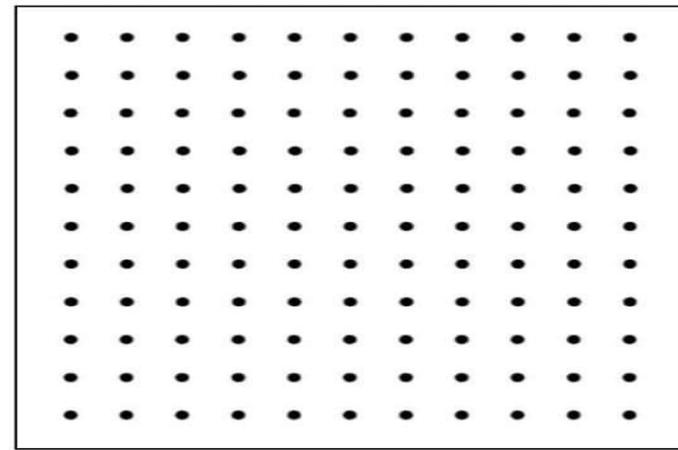
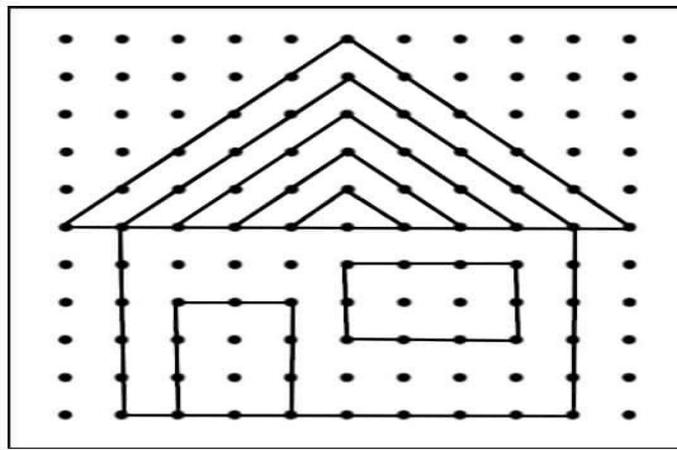
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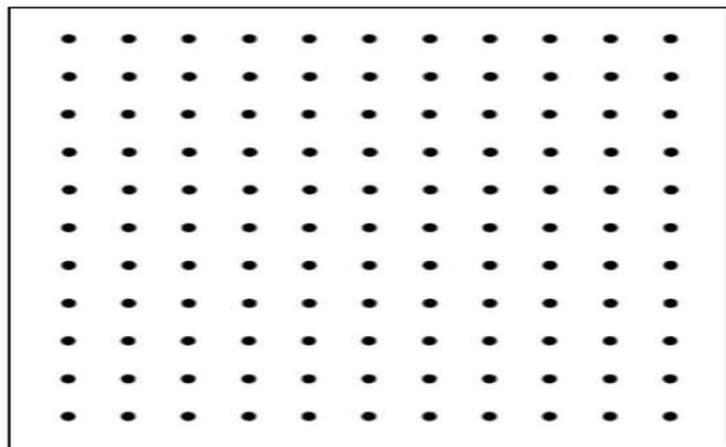
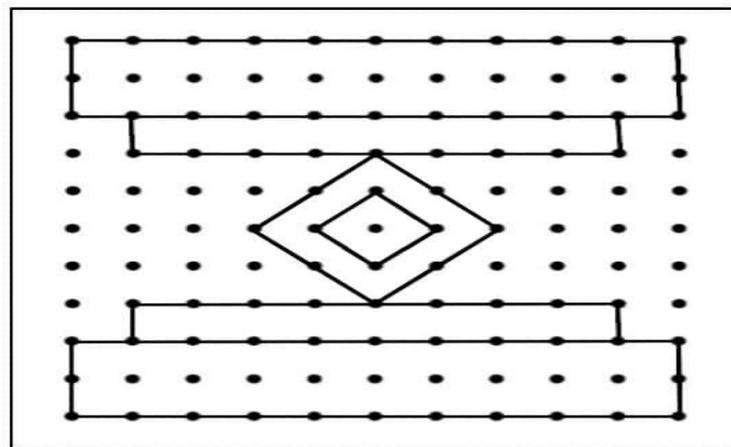
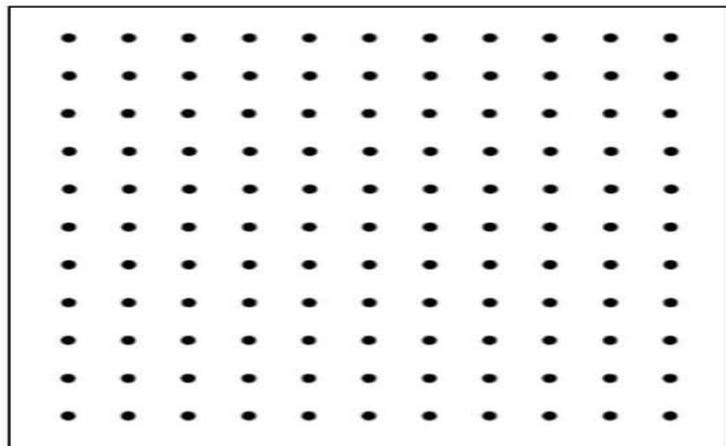
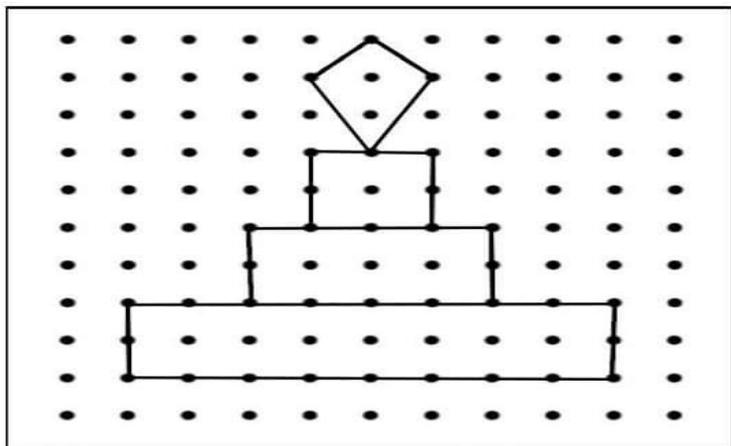
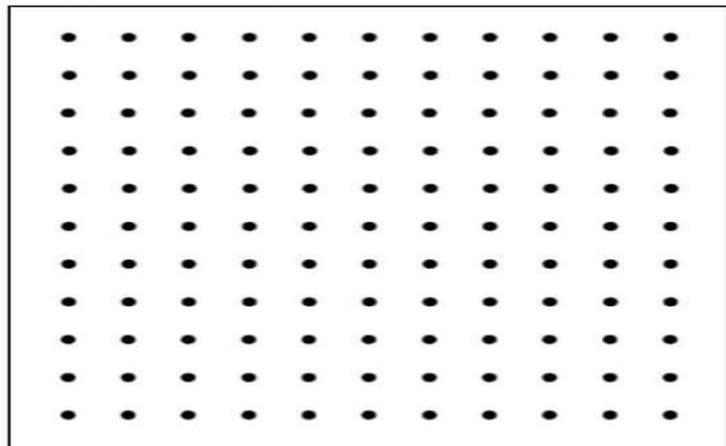
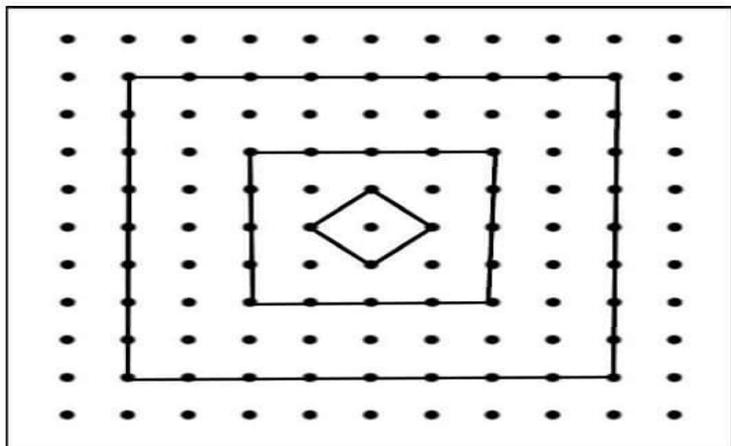
Задача: Учить детей рисовать схемы построек по клеткам, развивать конструктивные навыки. Тренировать руку к письму, развивать познавательный интерес.

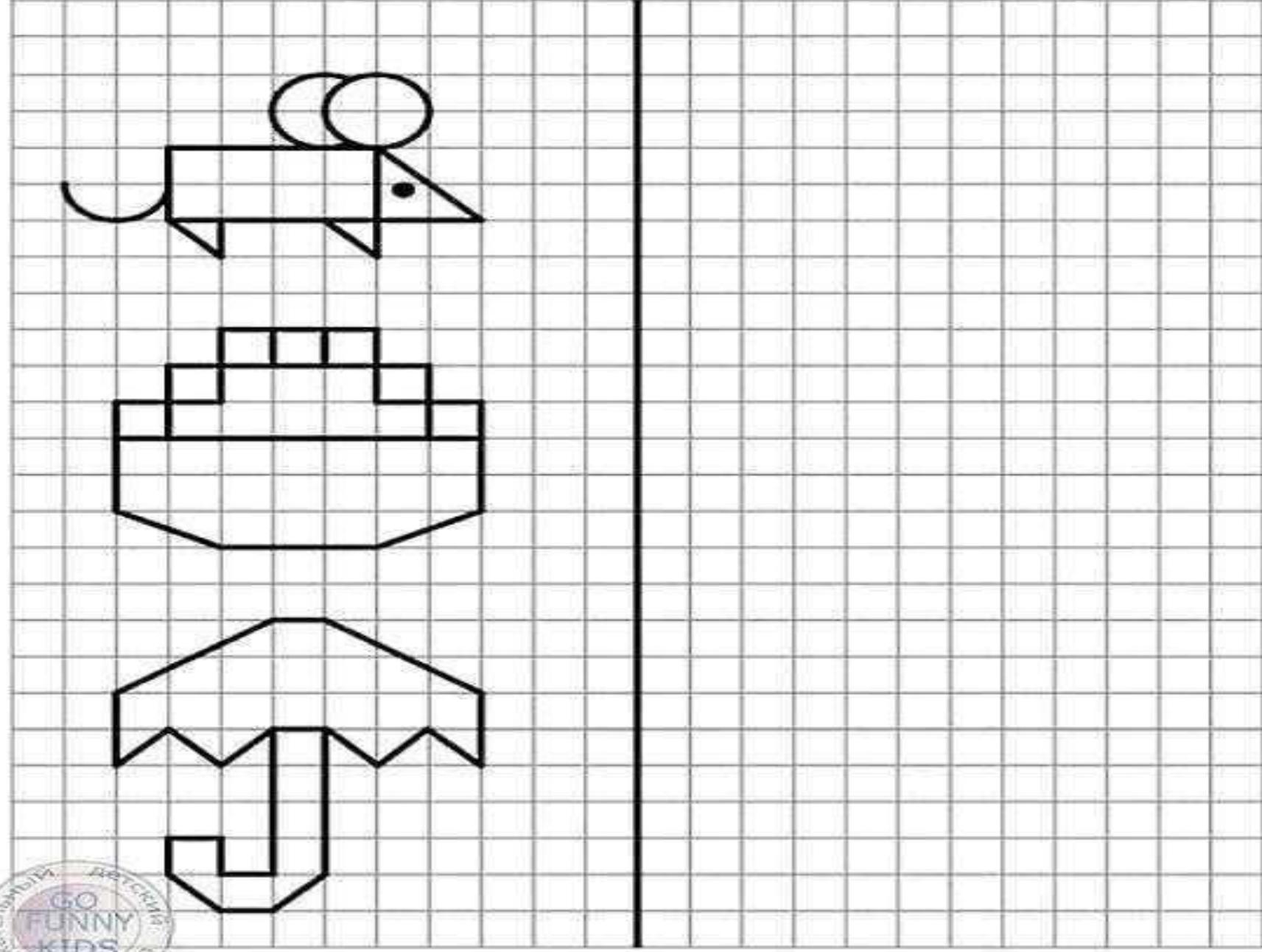




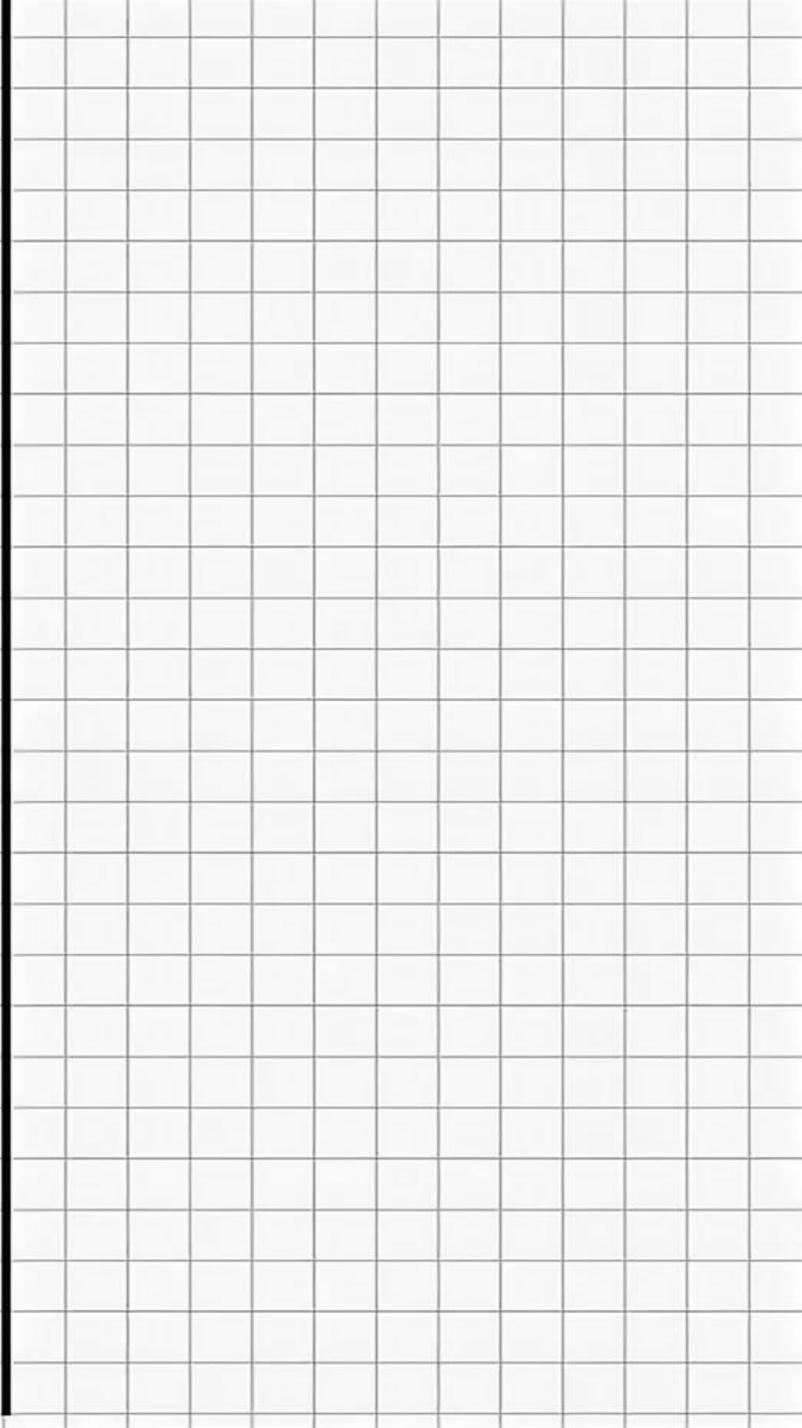
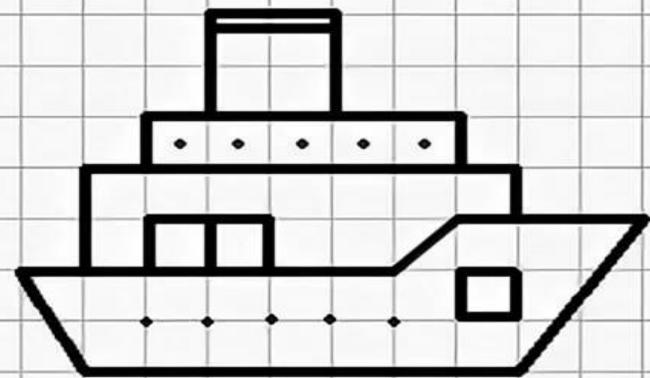
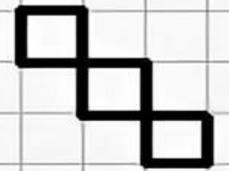
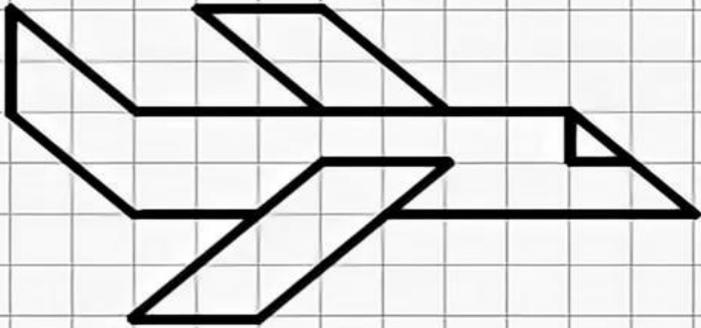


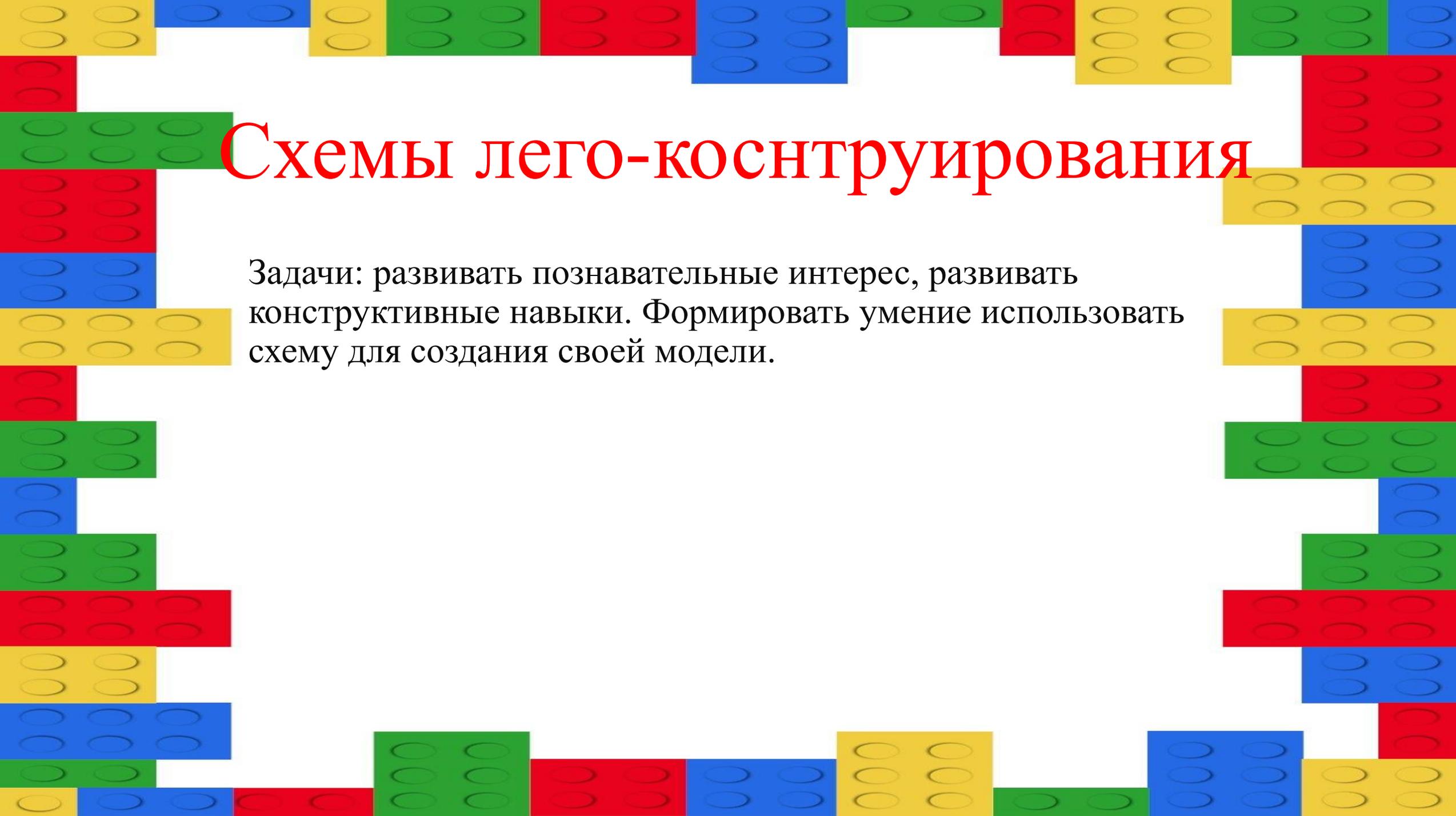






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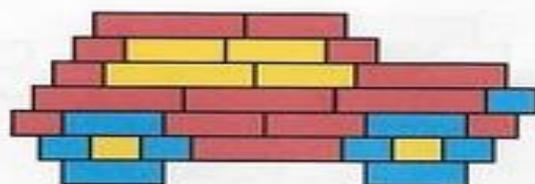




Схемы лего-конструирования

Задачи: развивать познавательные интересы, развивать конструктивные навыки. Формировать умение использовать схему для создания своей модели.

МАШИНА



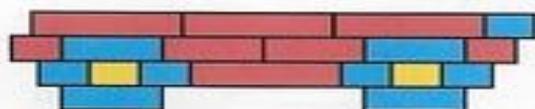
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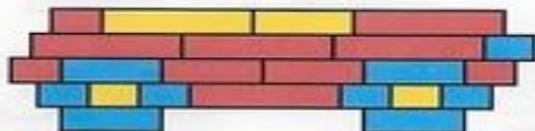
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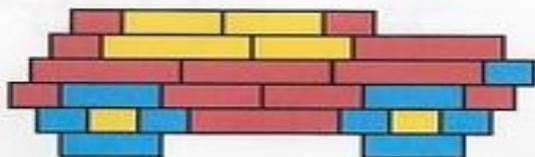
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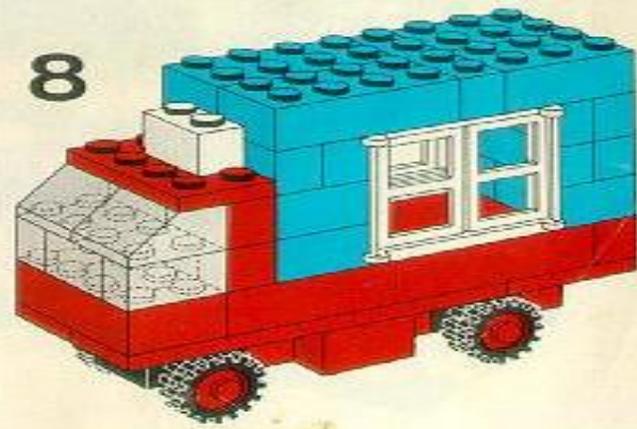
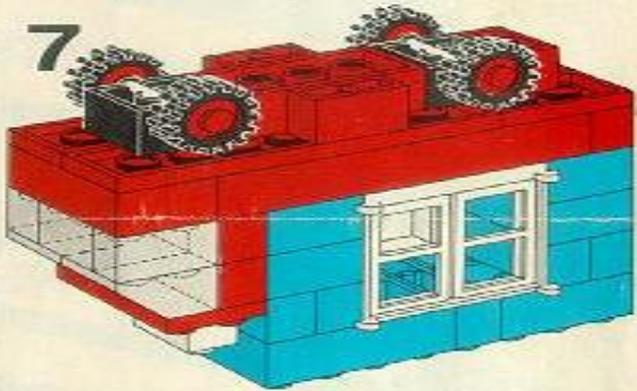
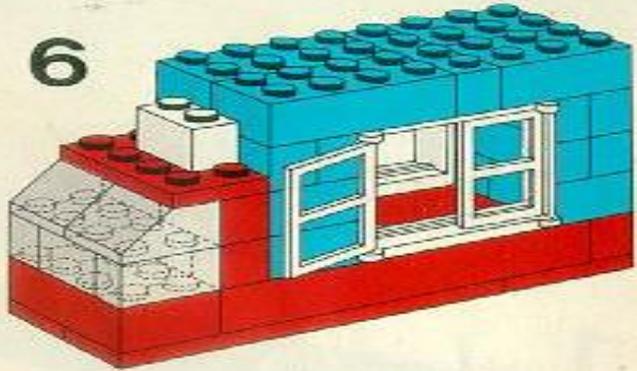
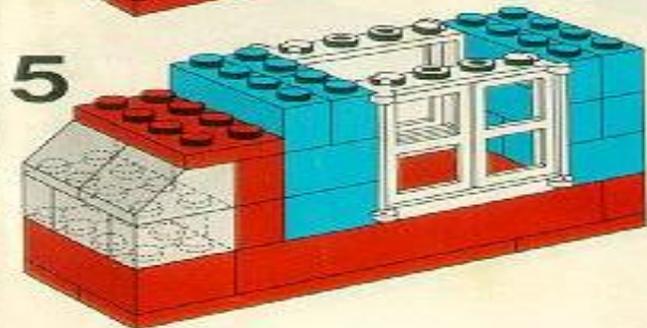
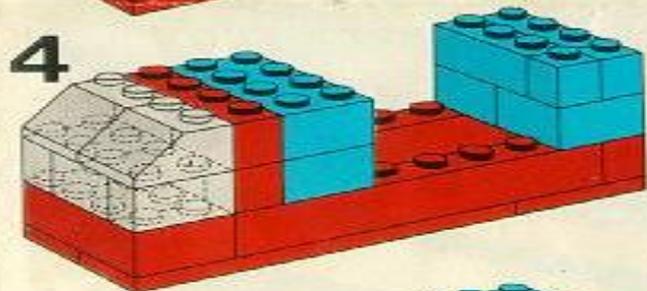
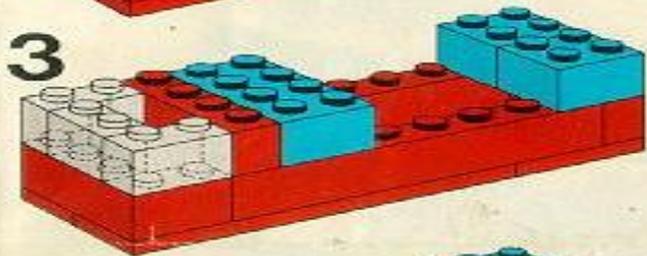
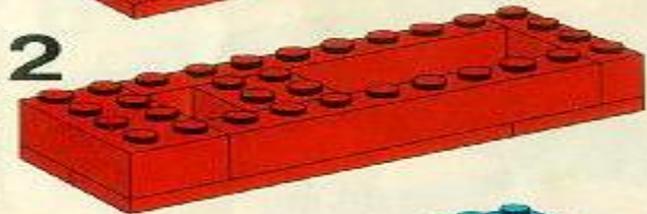
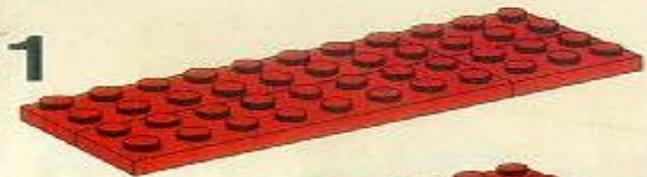
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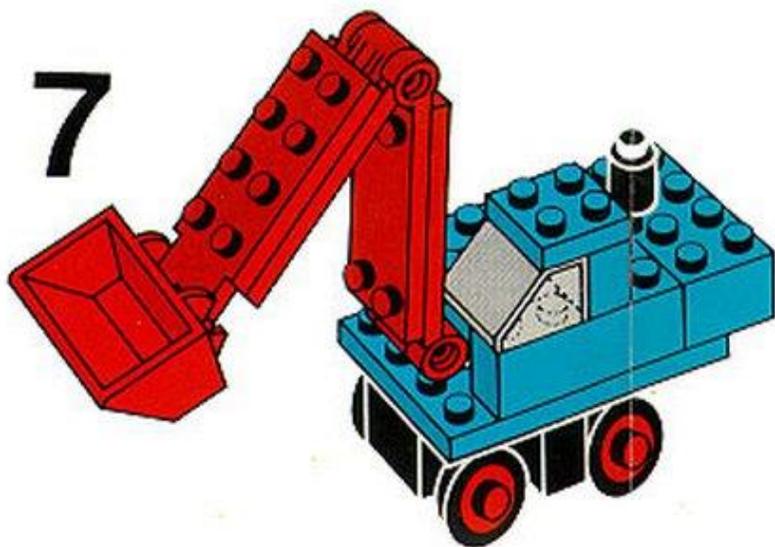
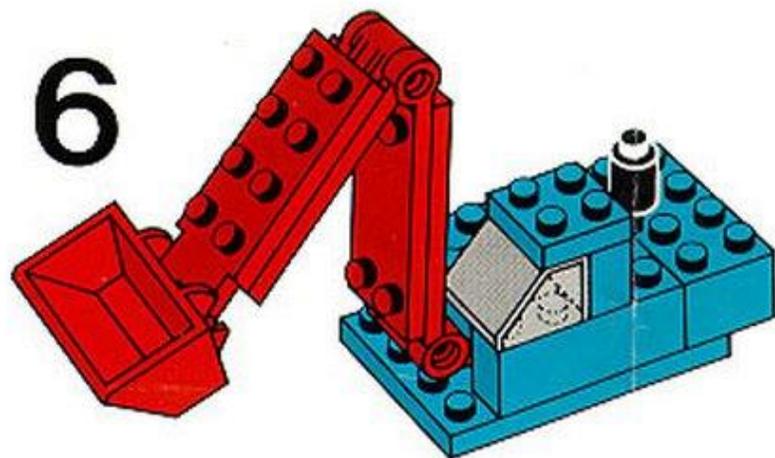
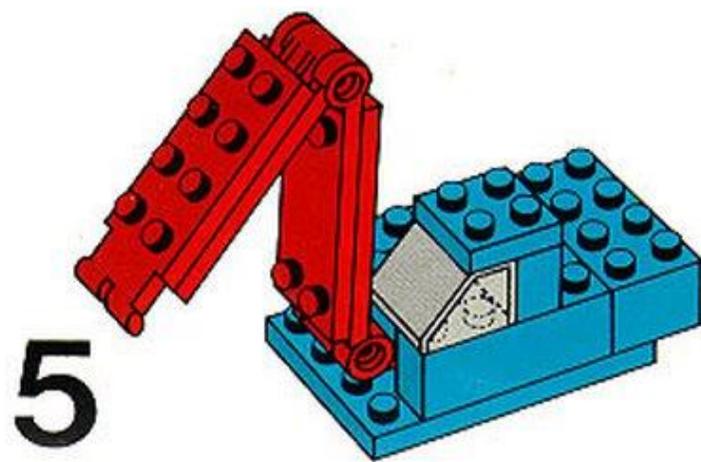
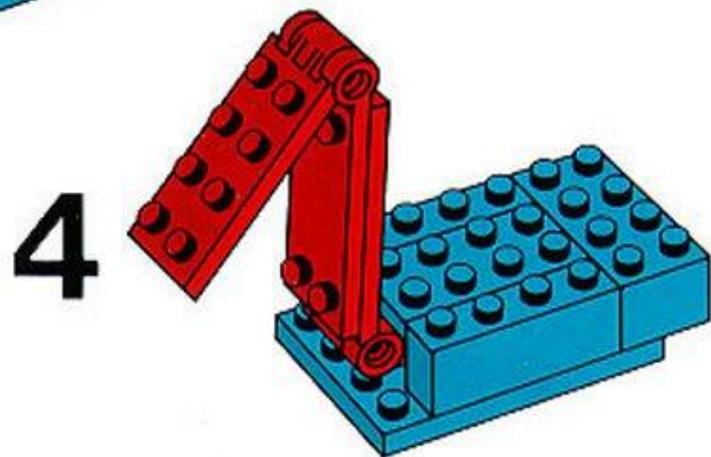
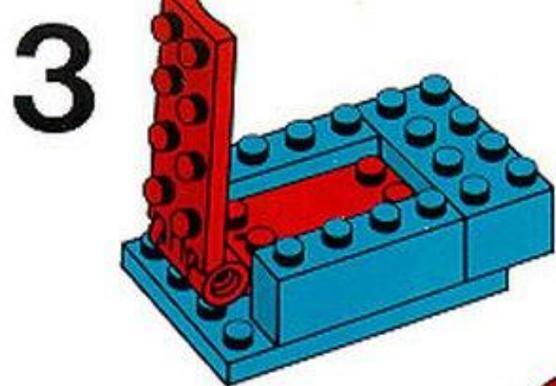
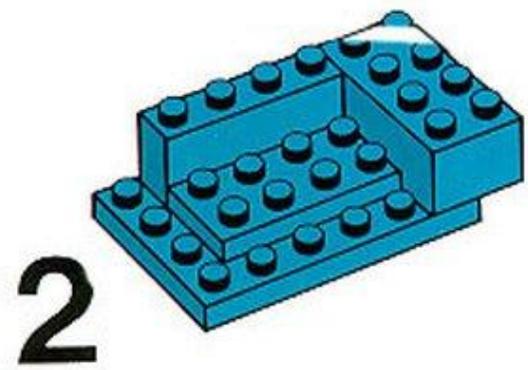
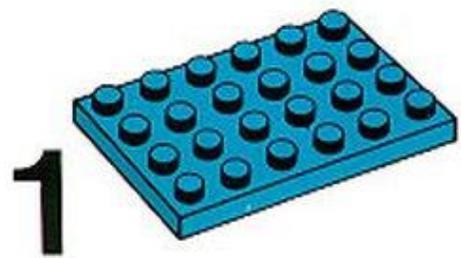


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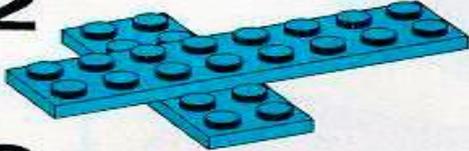




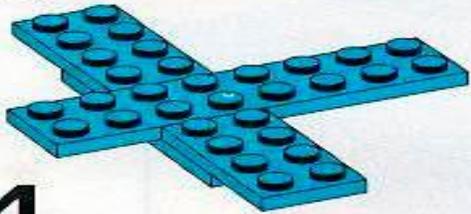
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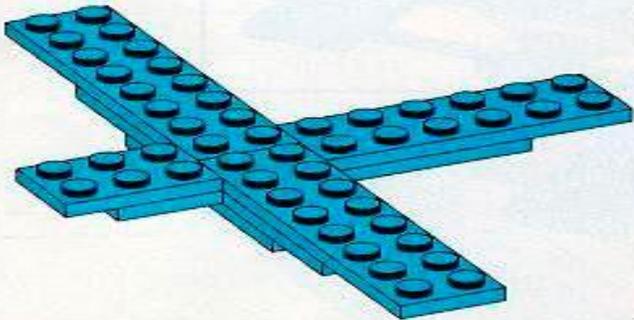
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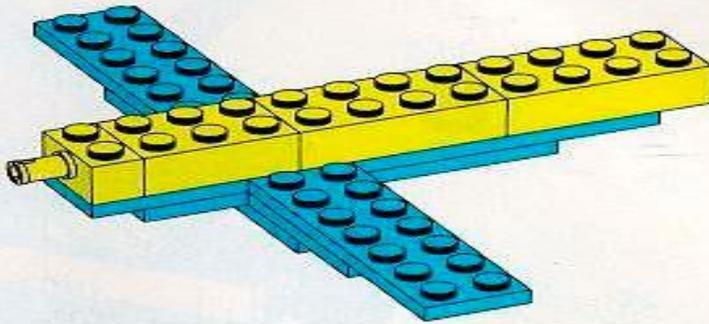
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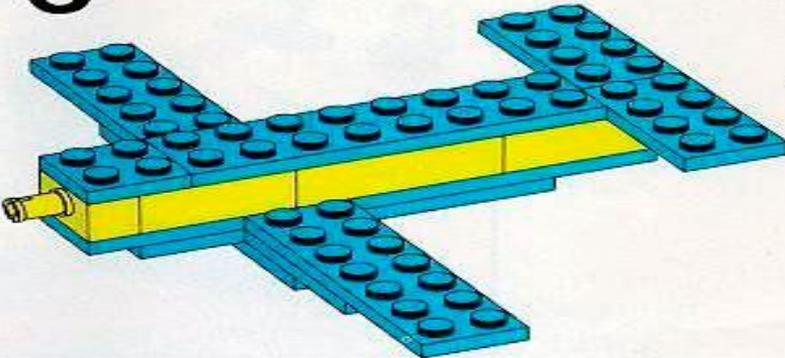
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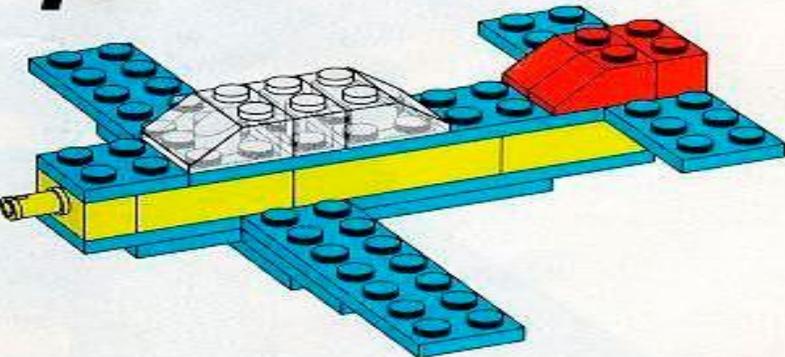
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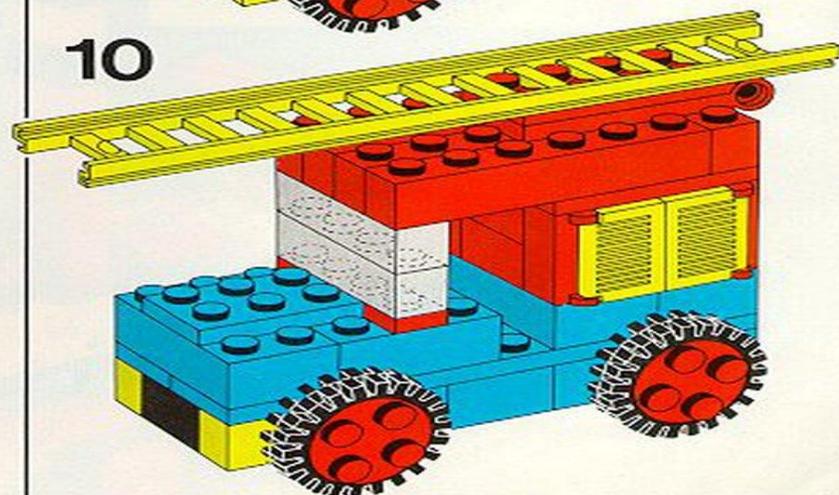
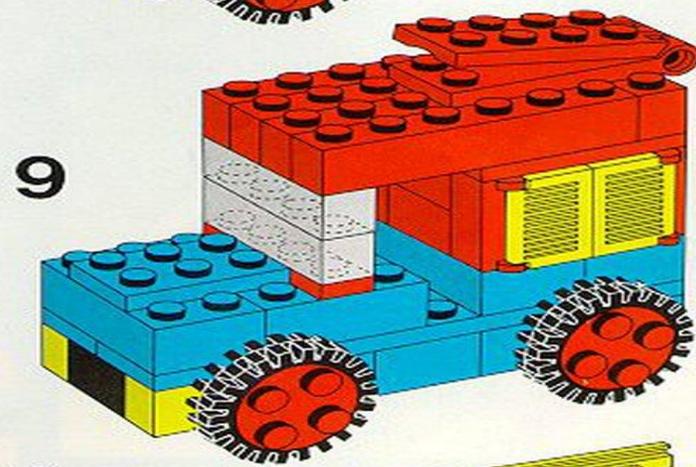
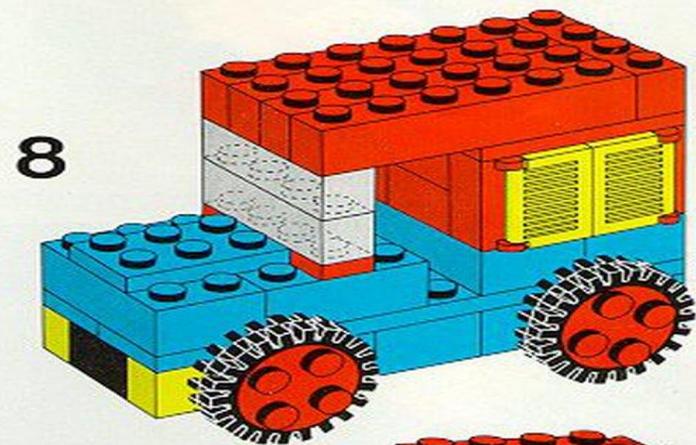
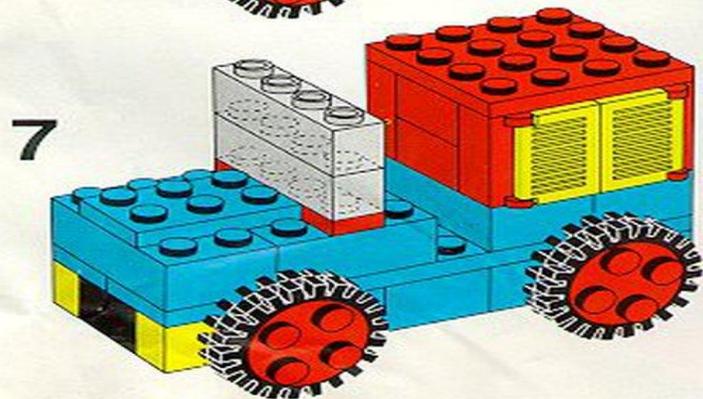
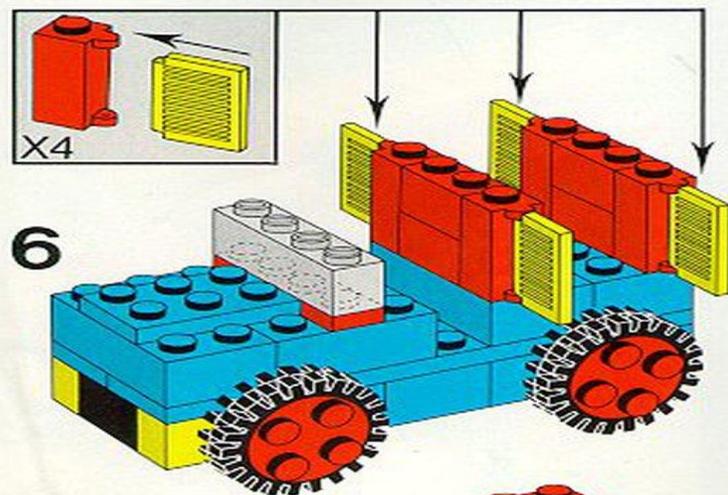
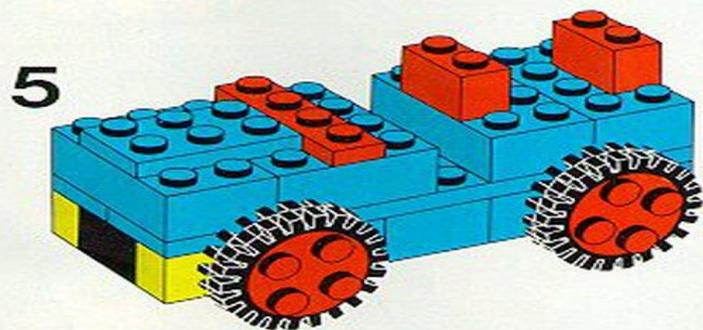


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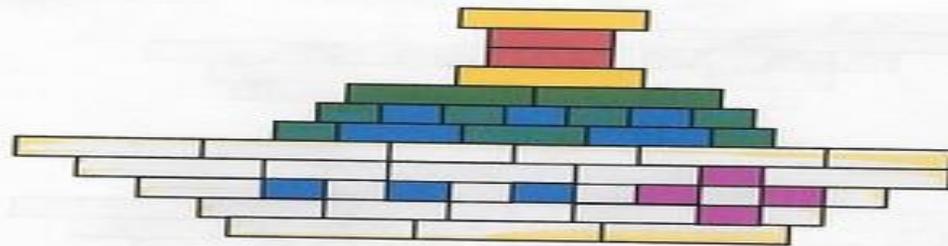


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ПАРОХОД



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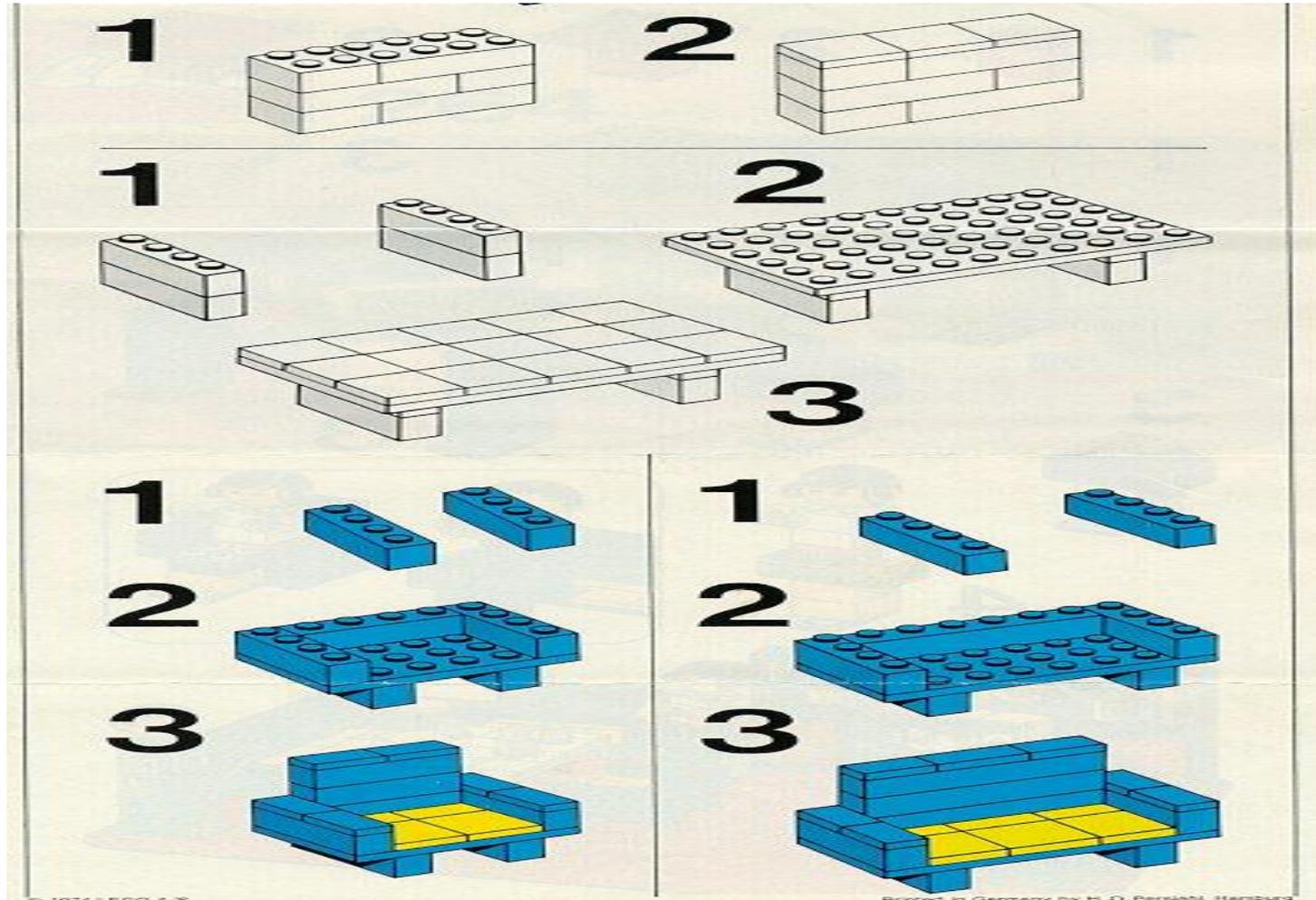


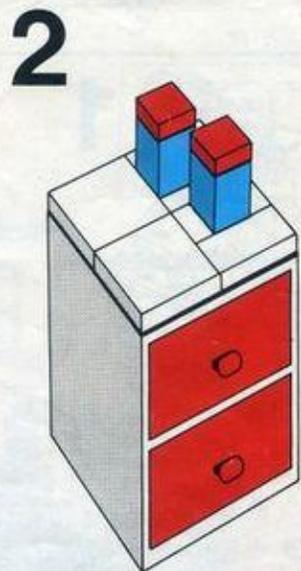
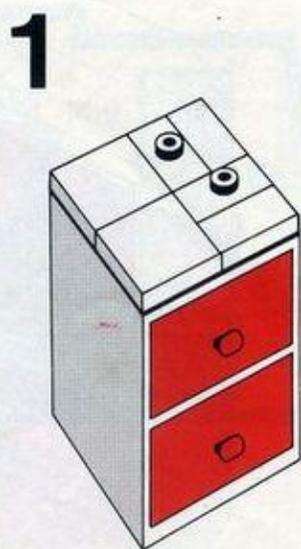
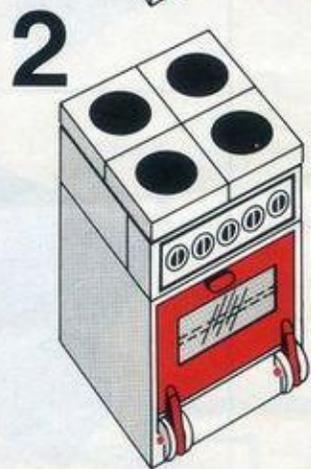
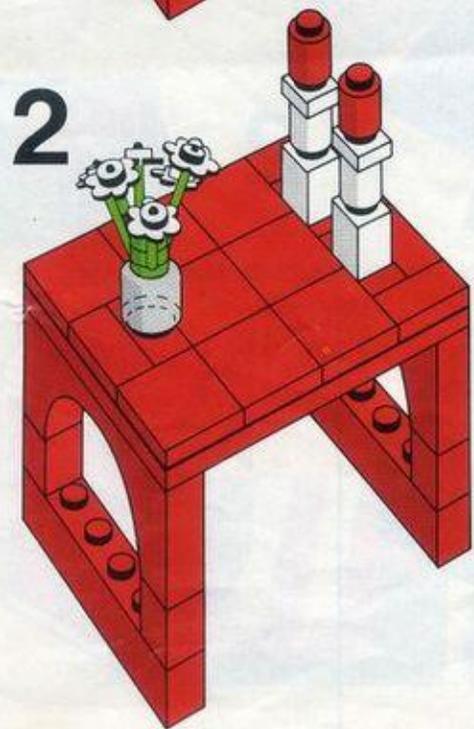
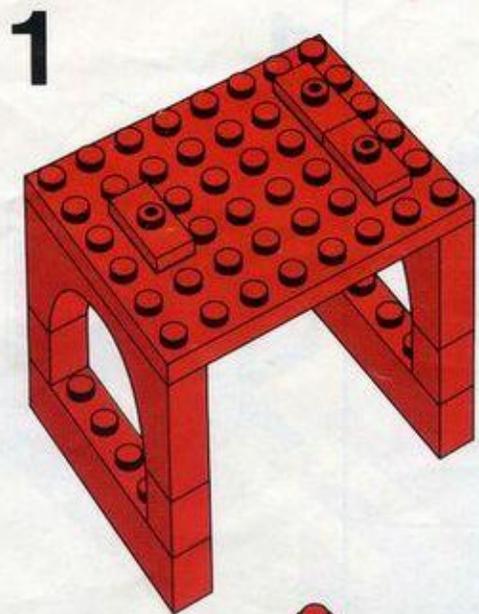
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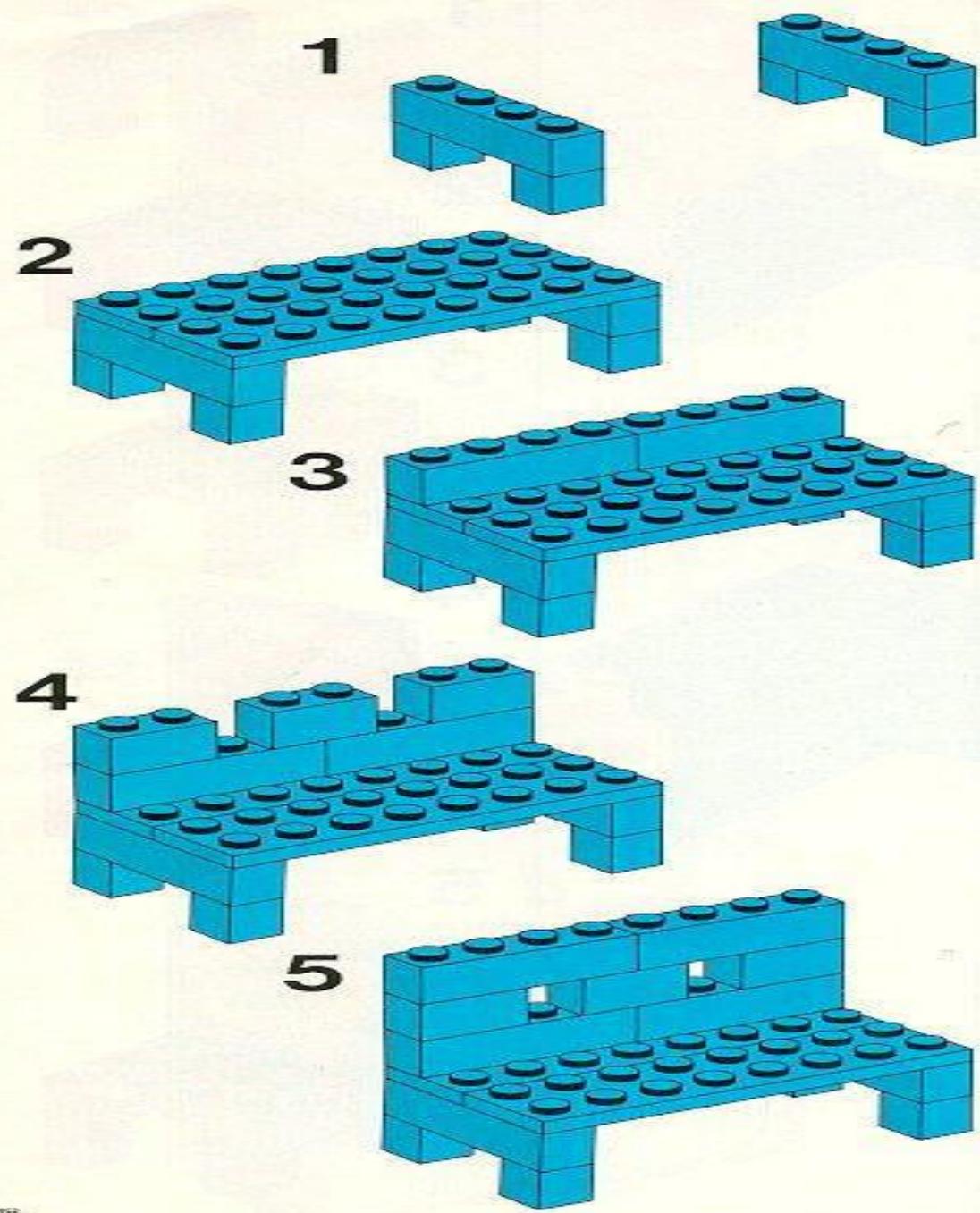


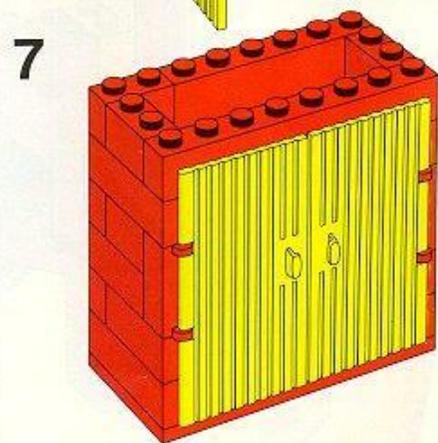
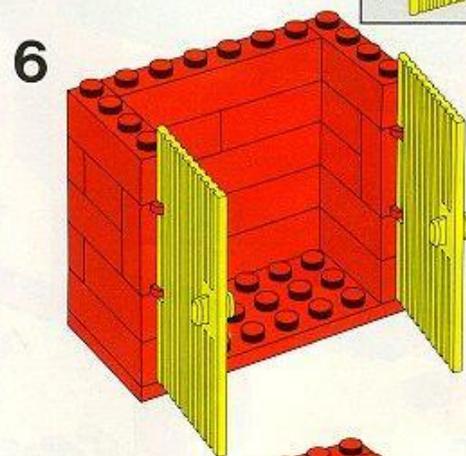
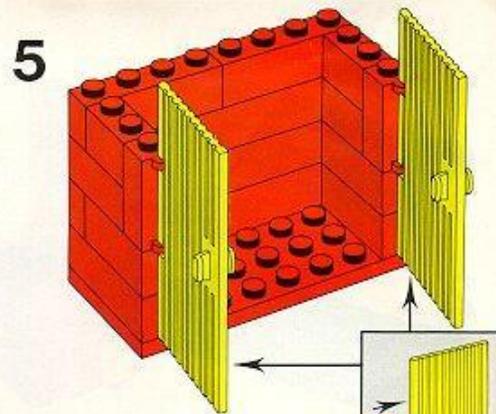
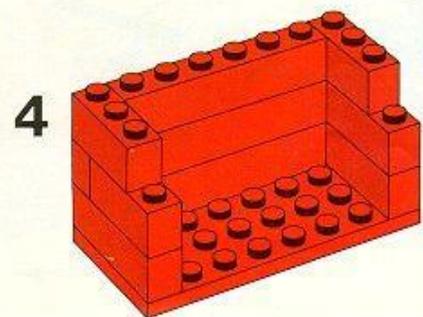
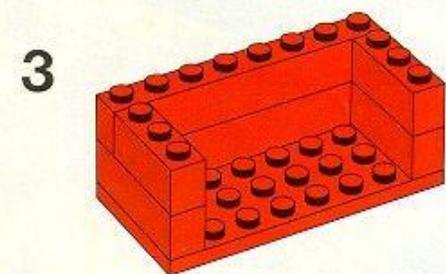
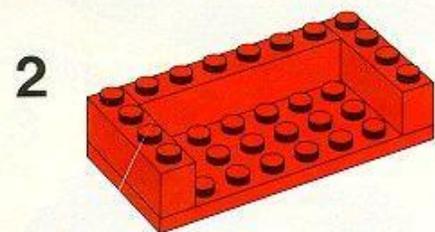
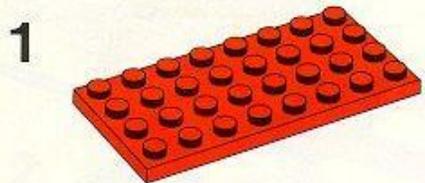
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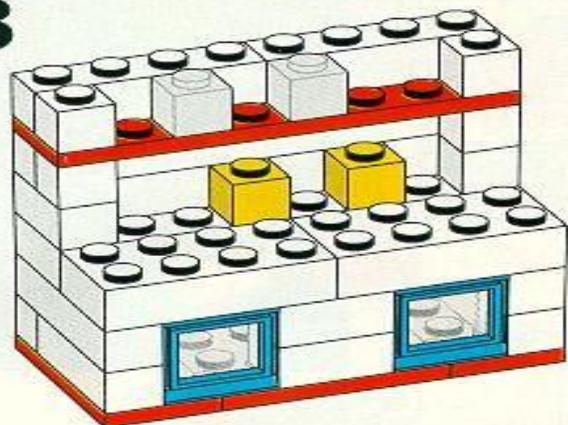




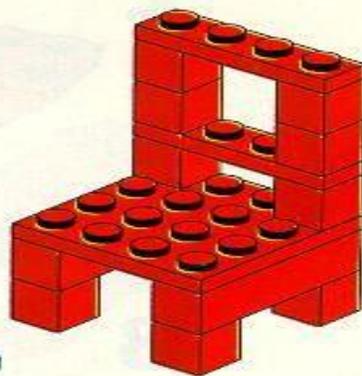
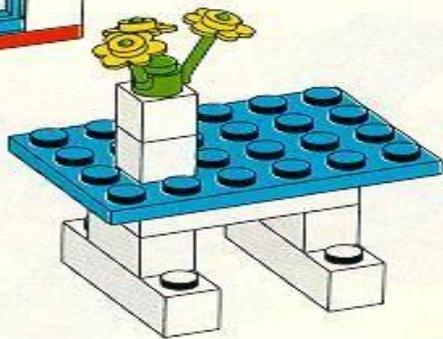
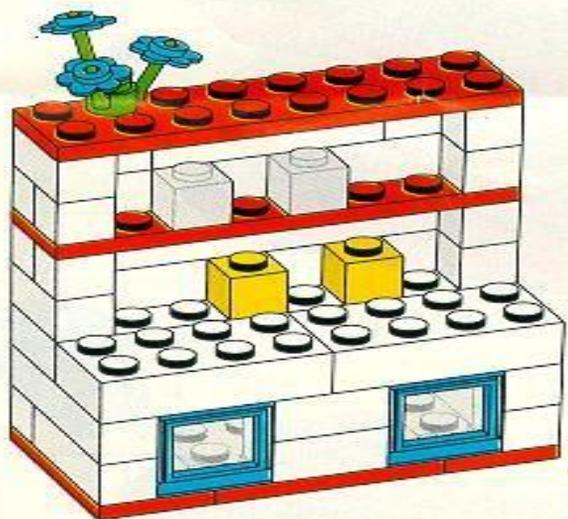
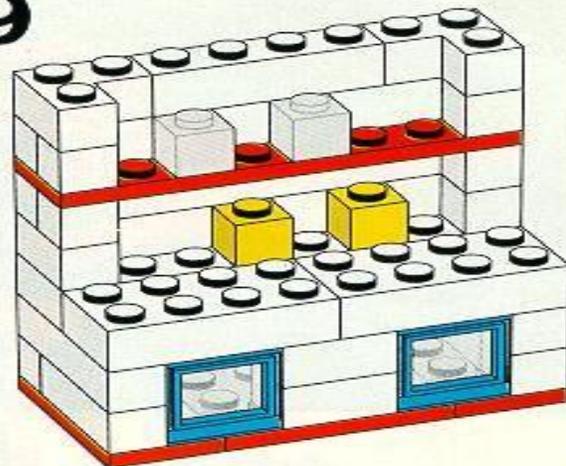


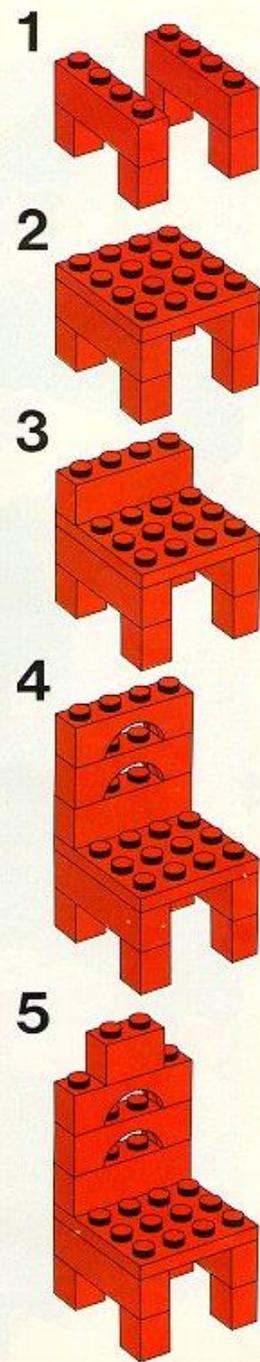
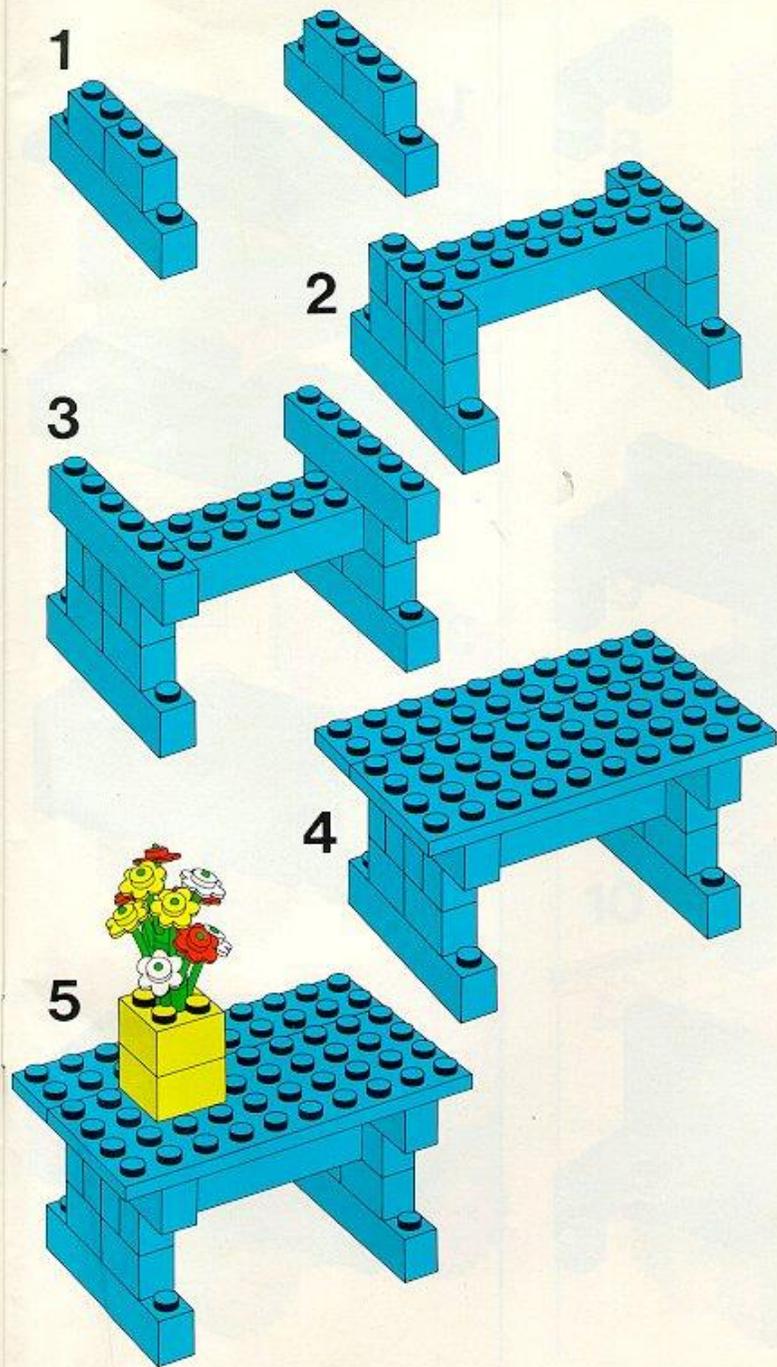


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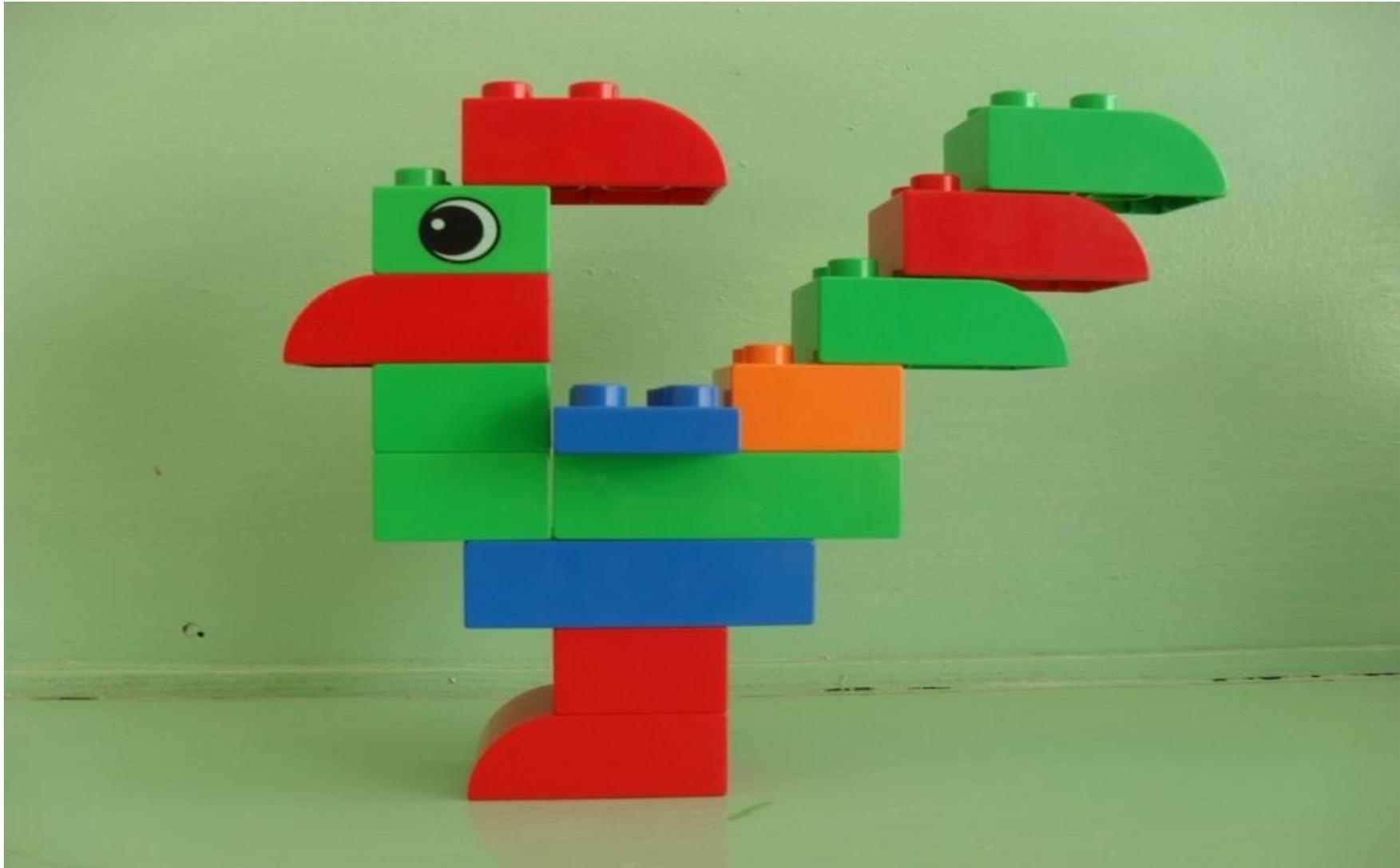


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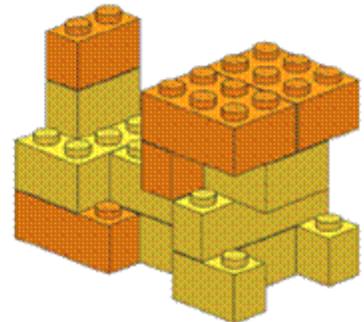
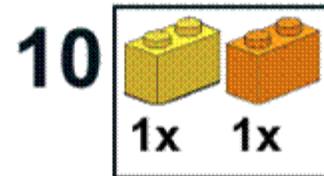
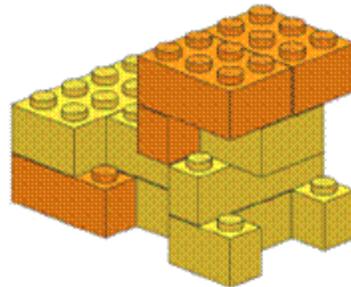
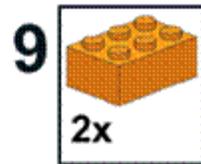
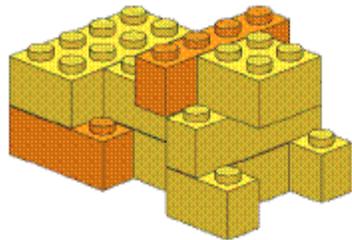
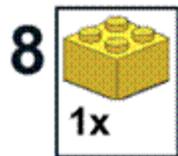
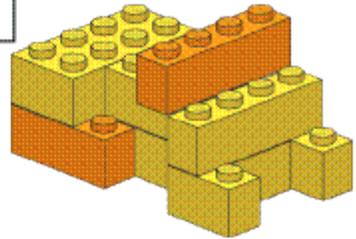
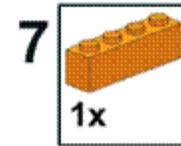
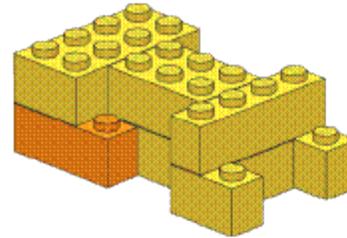
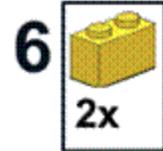
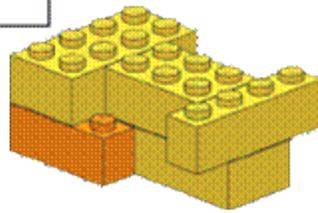
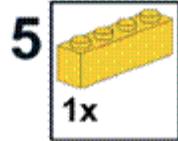
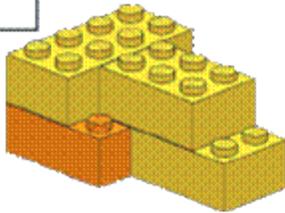
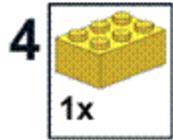
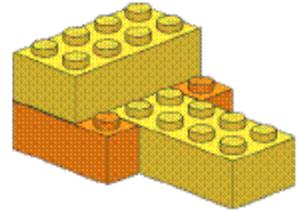
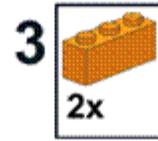
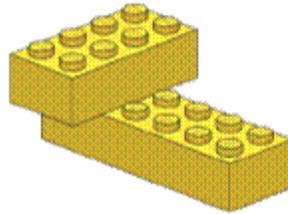
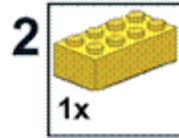
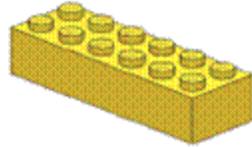
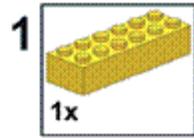
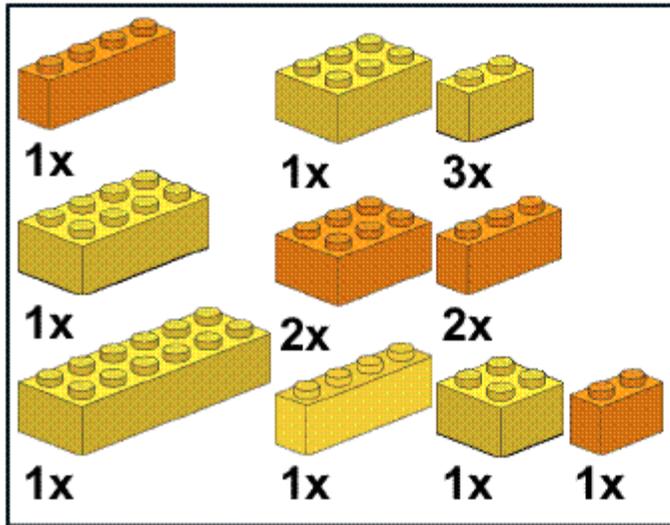


Тема «Животные»



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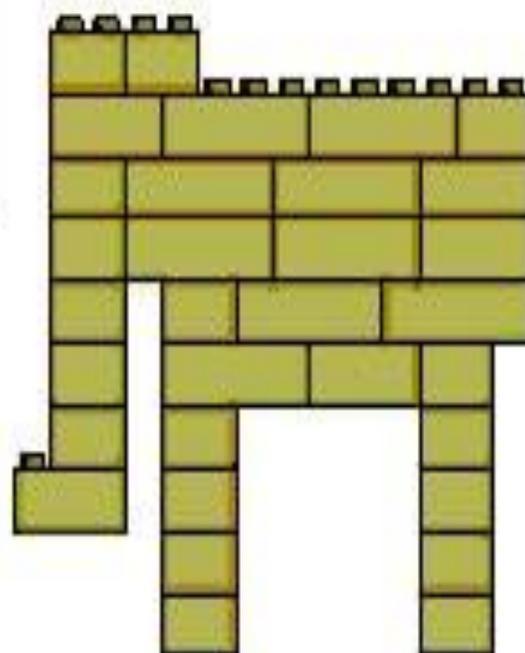
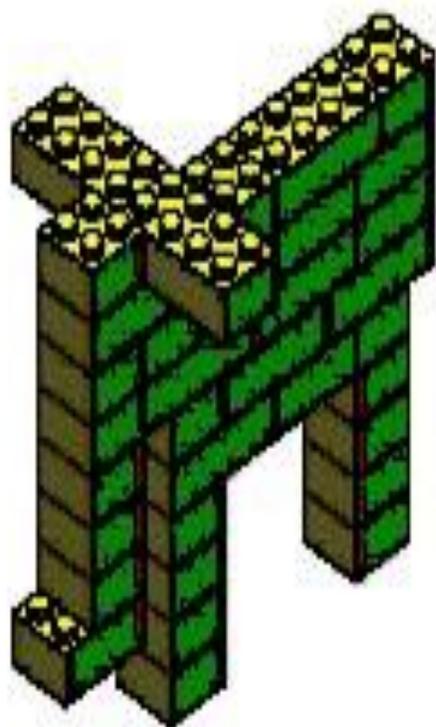


СЛОН

Приложение №10

Спецификация деталей в таблице обороту

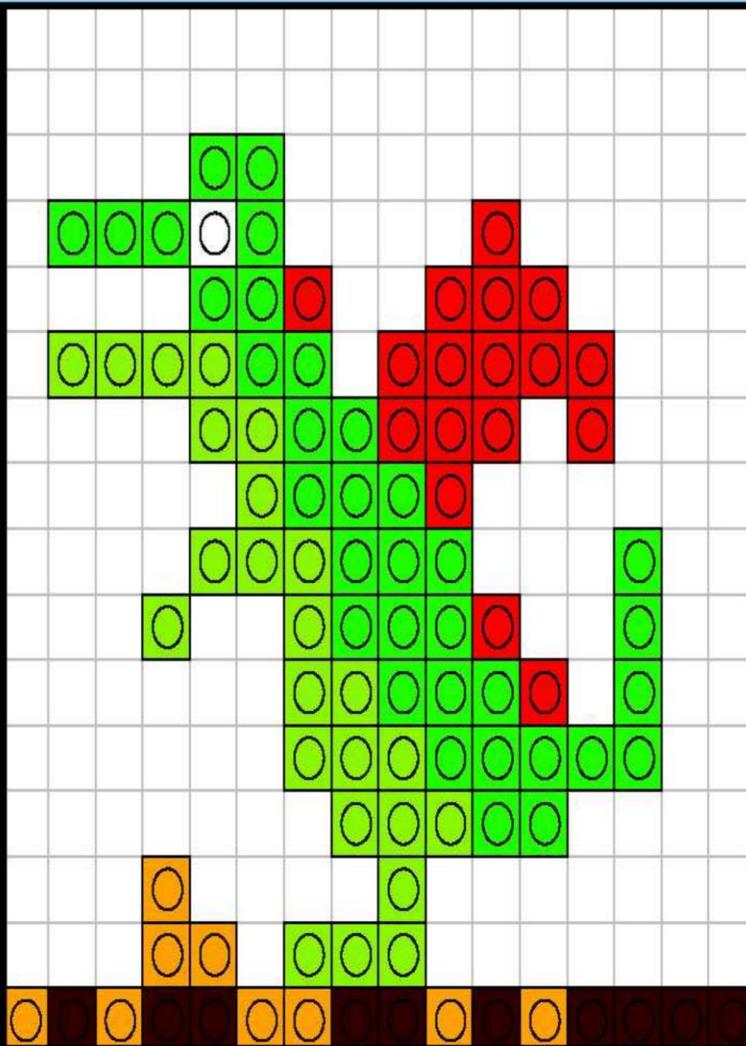
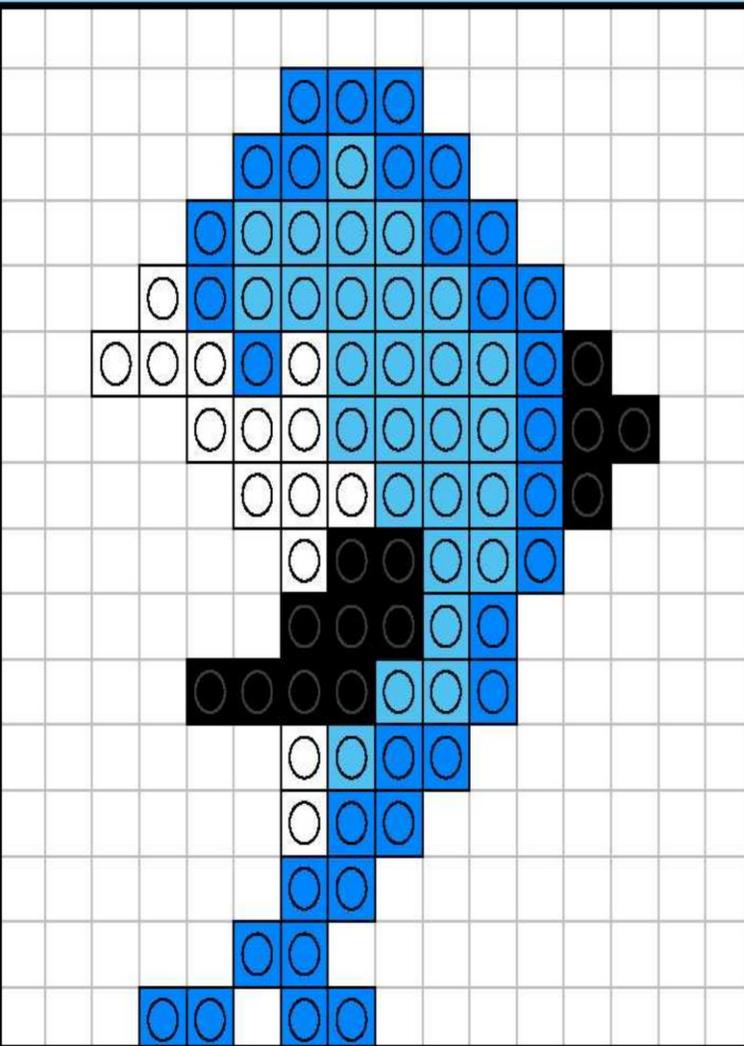
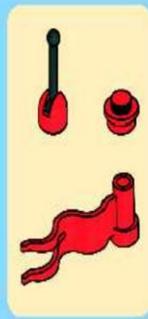
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ирпичик	7	6	11	33

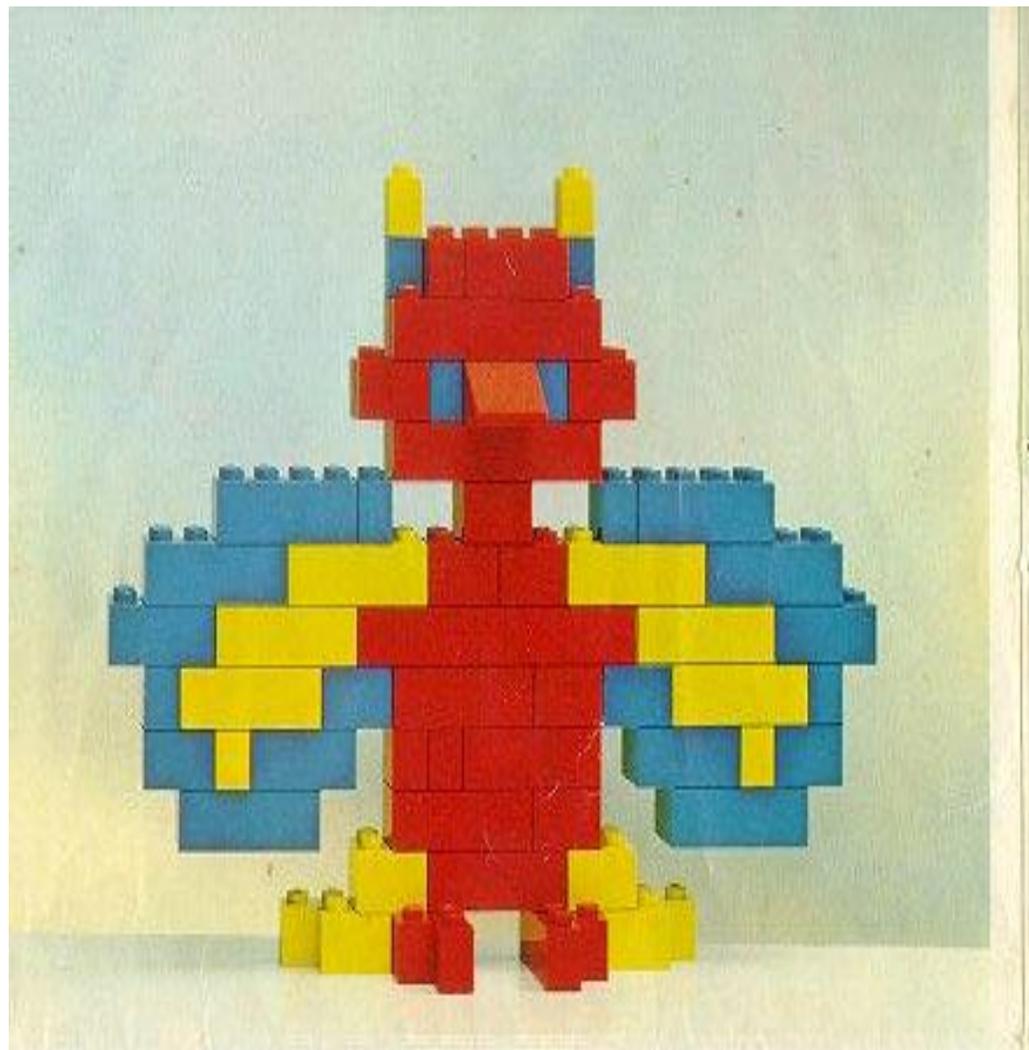


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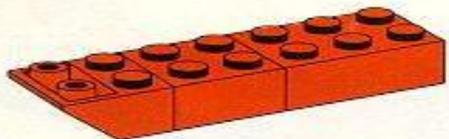
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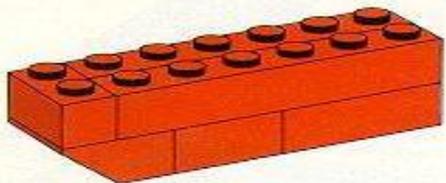


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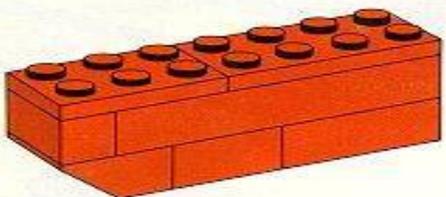
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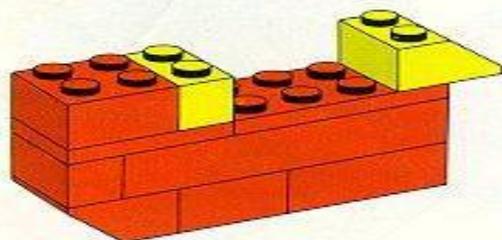
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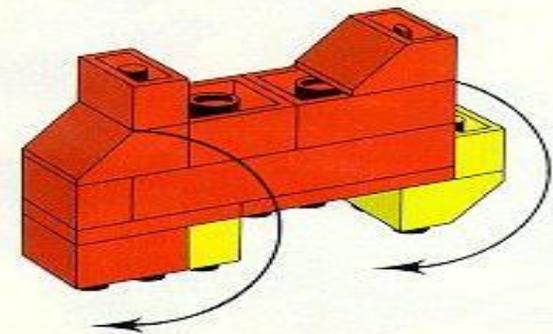
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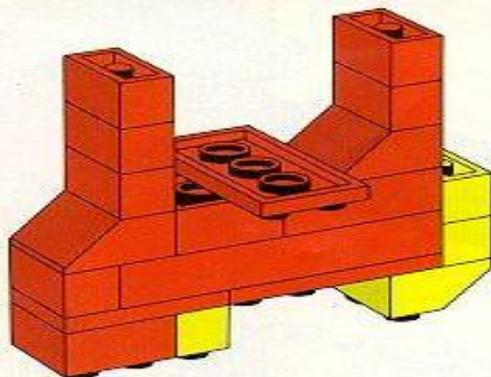
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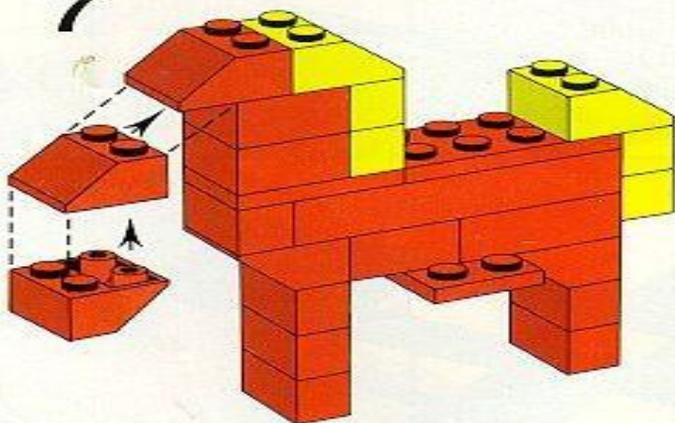
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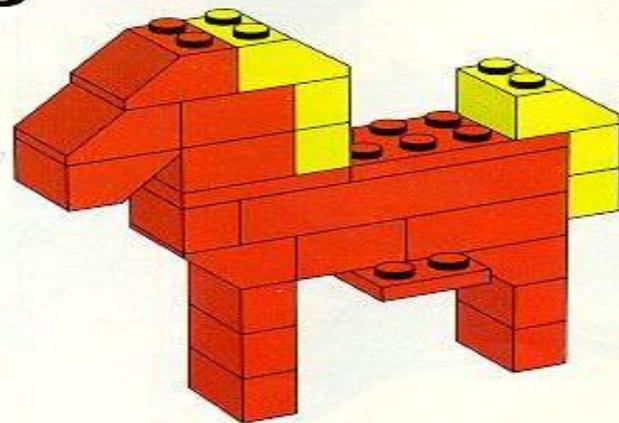
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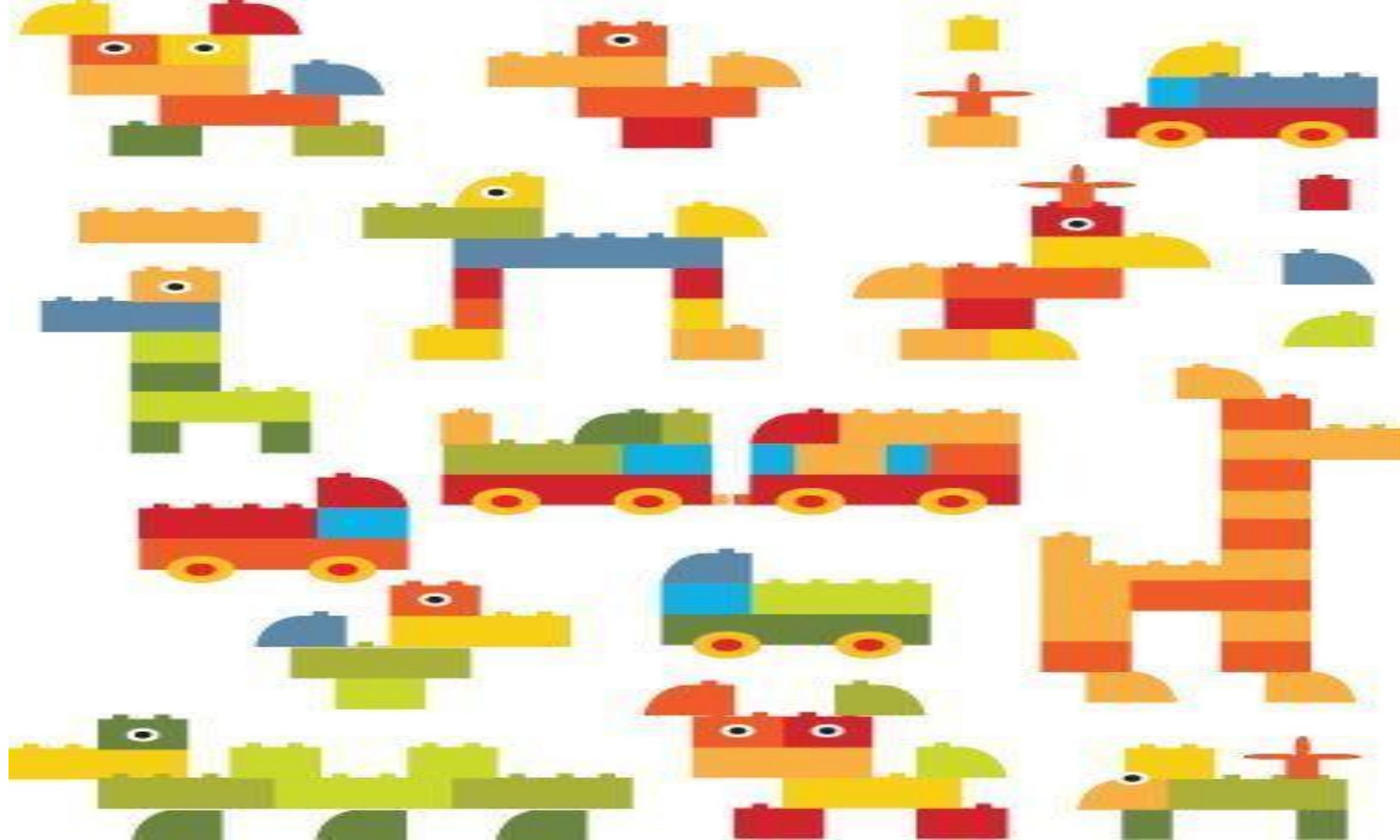


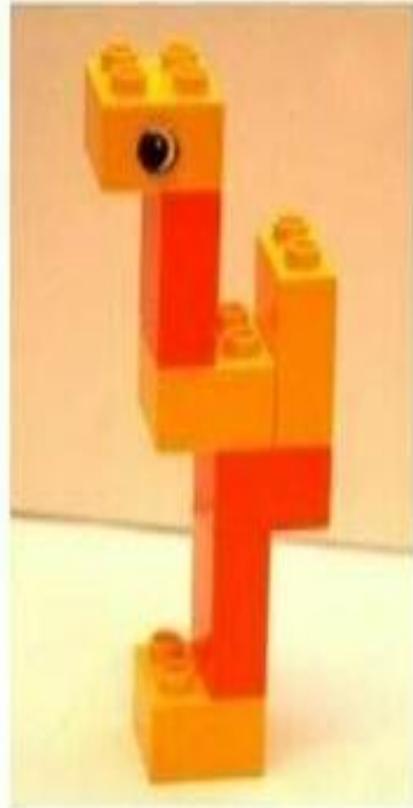
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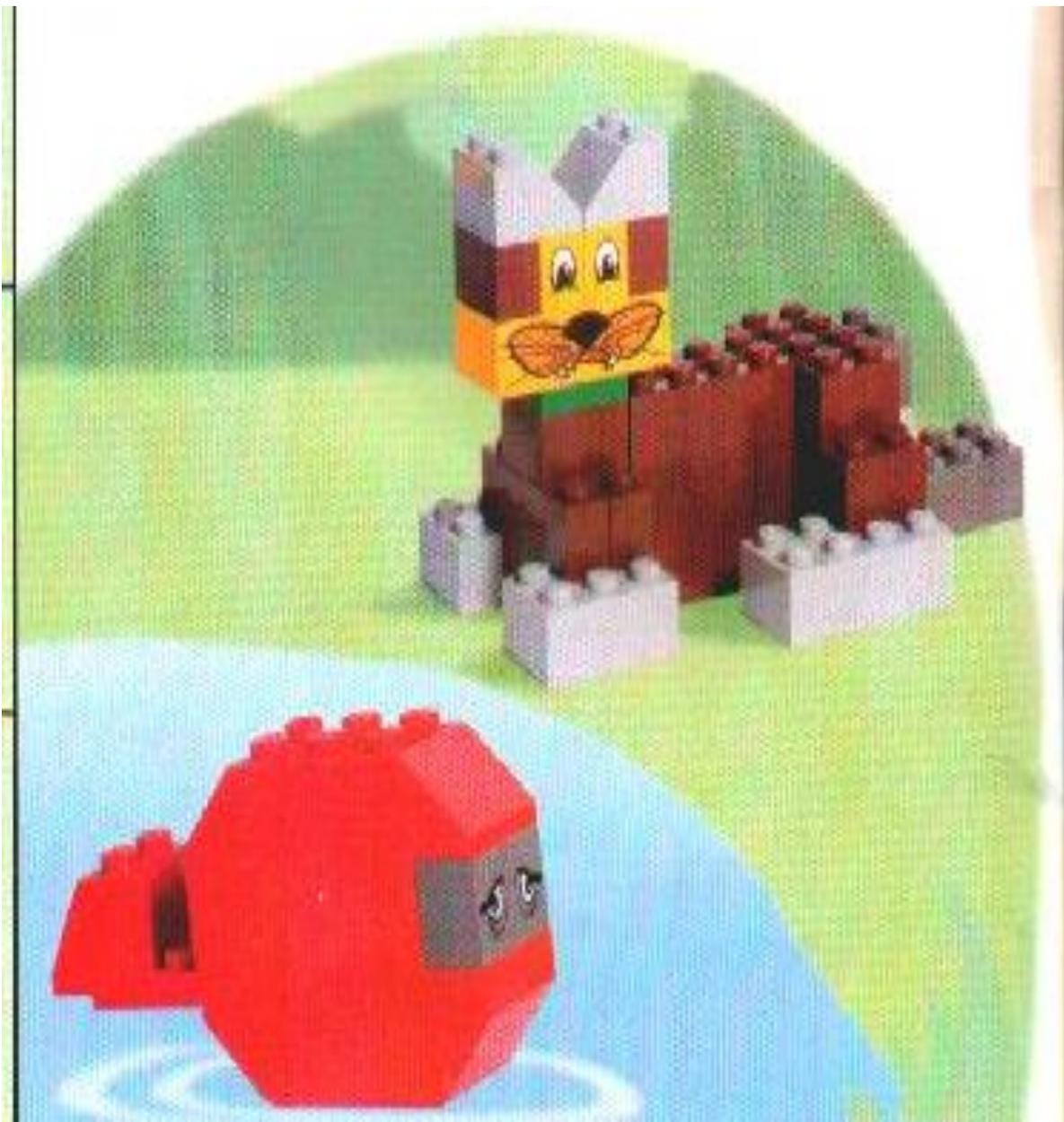


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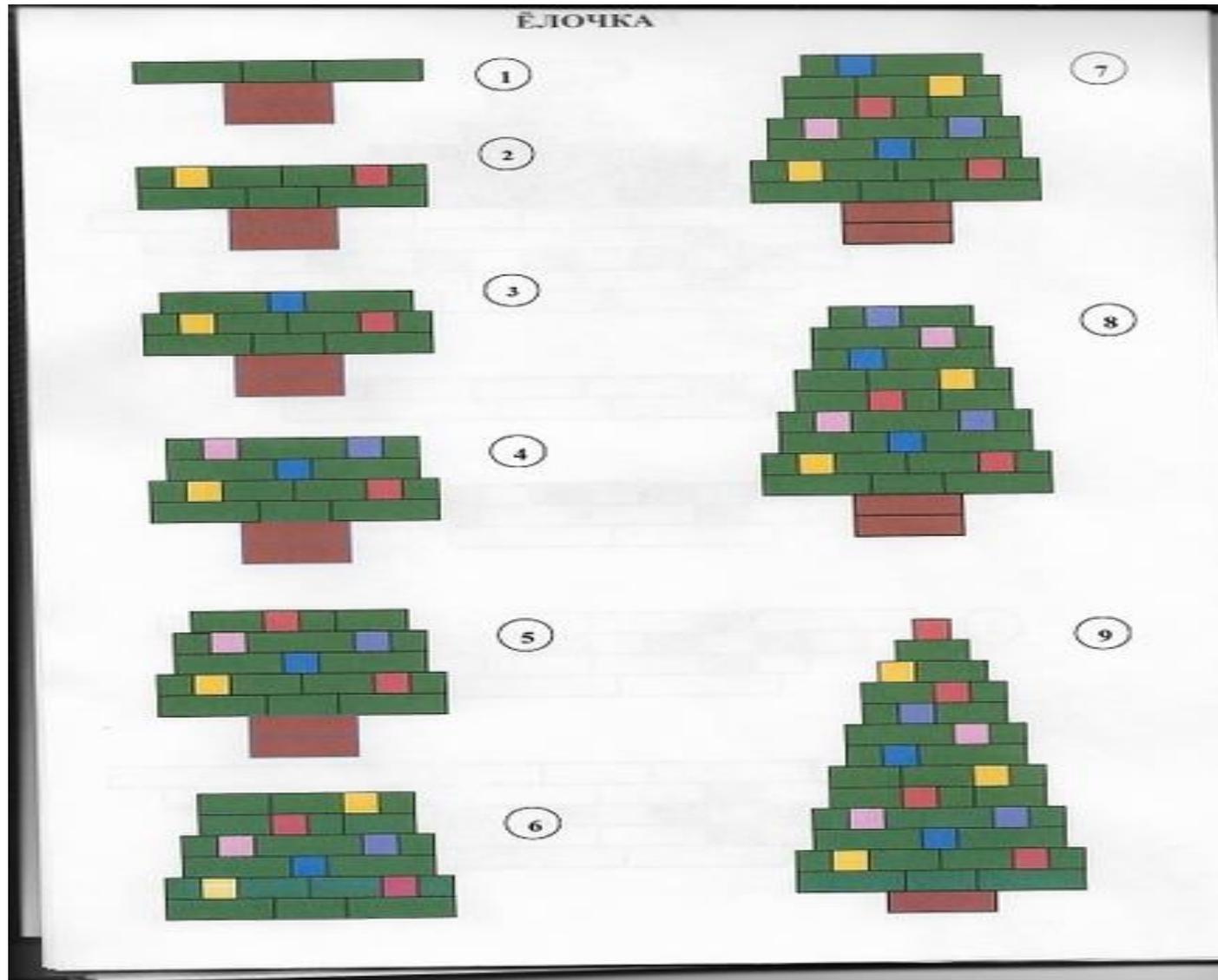


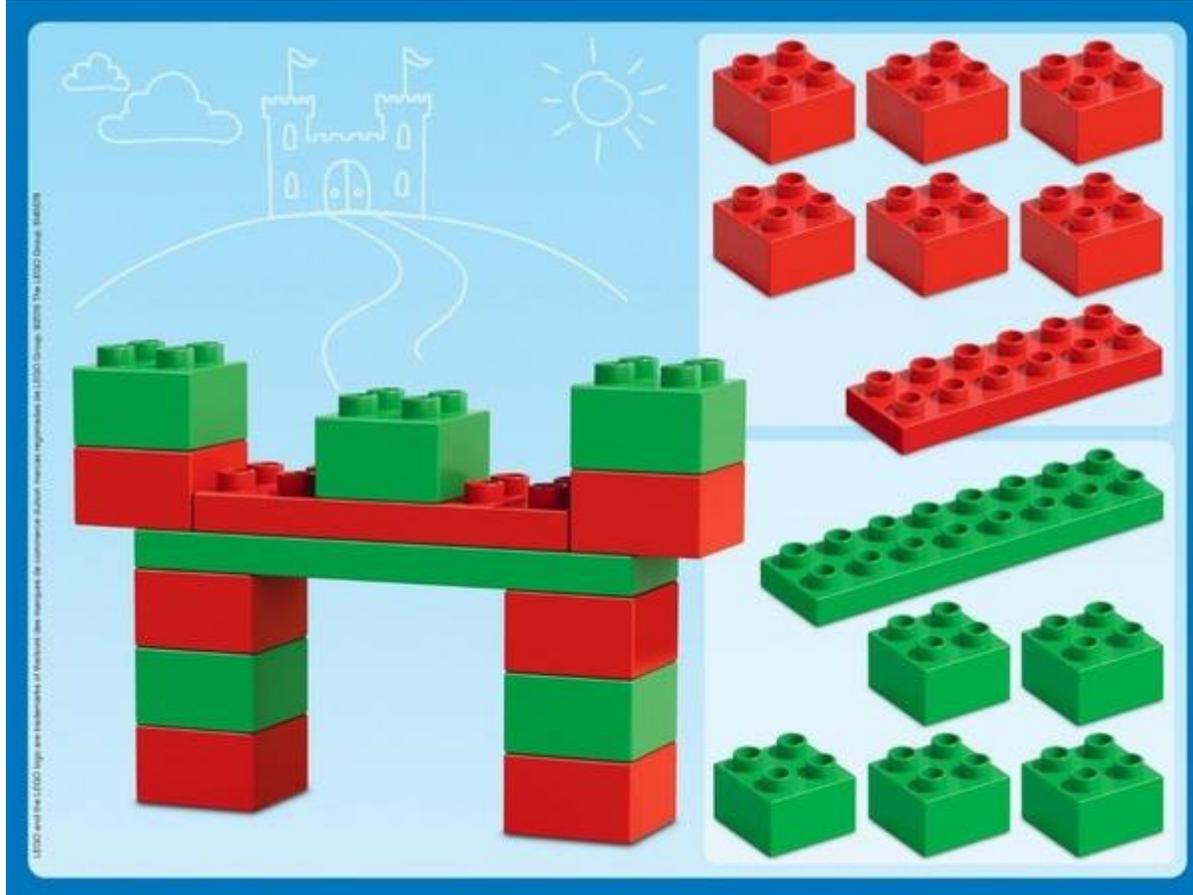




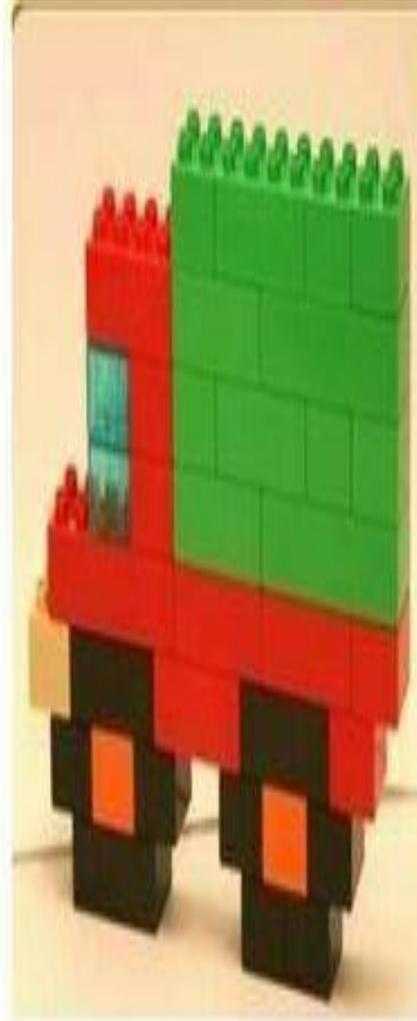


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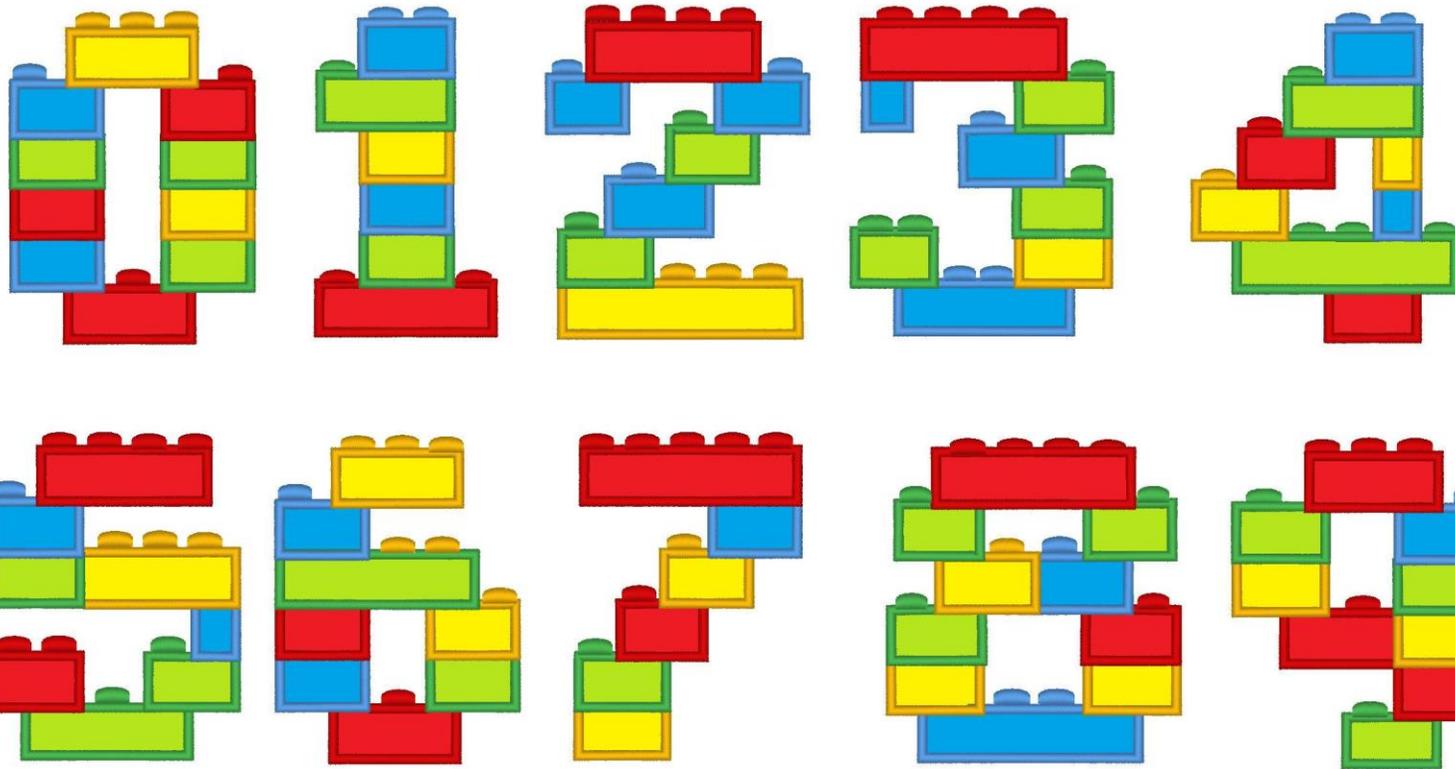


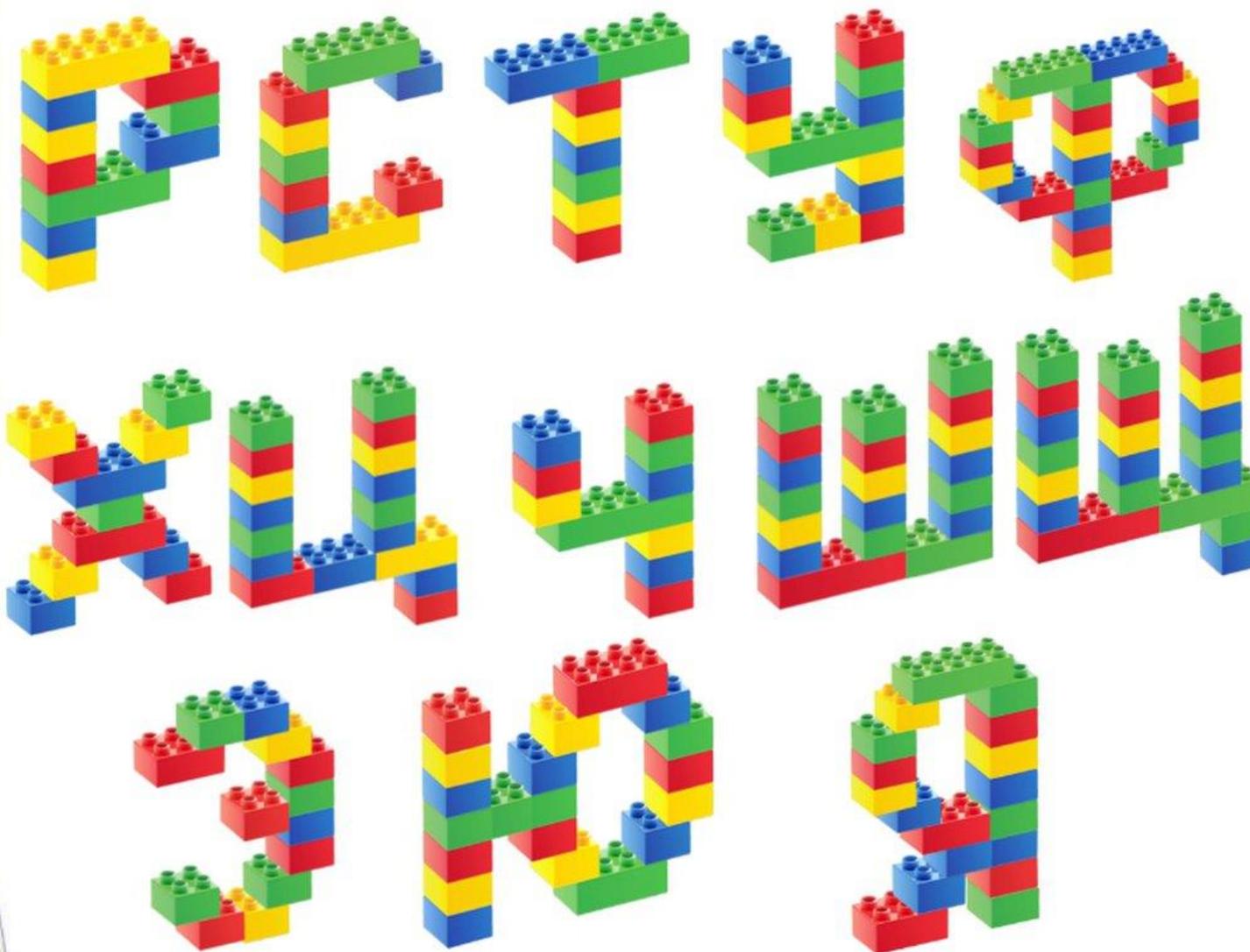






Пифагы



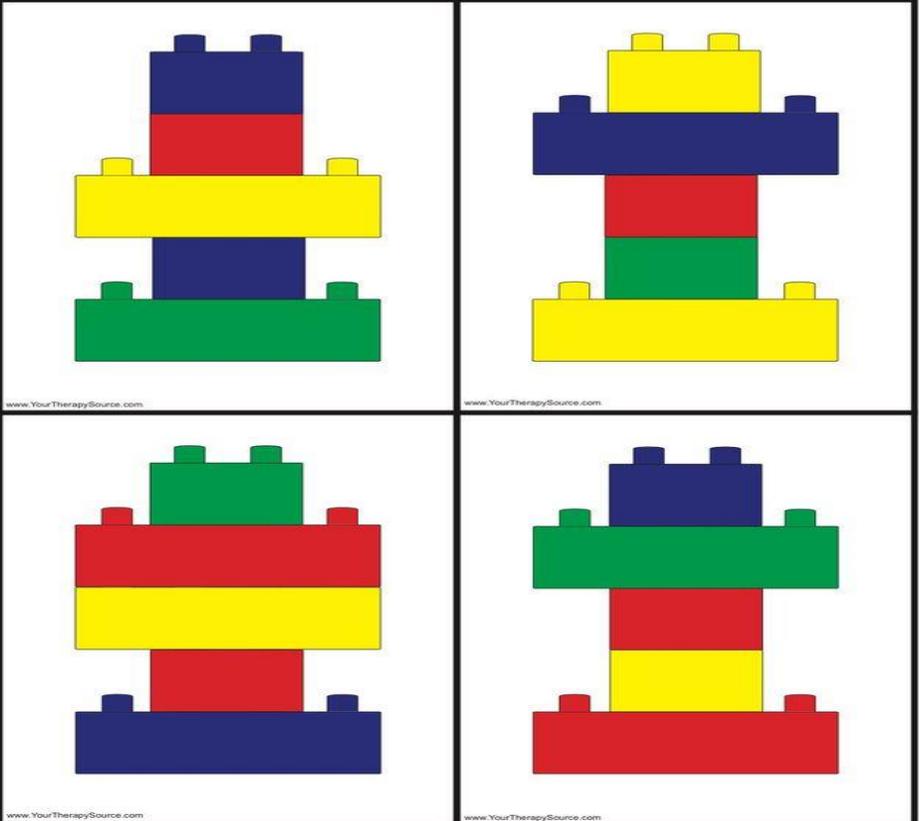


http://www.lego.com

Используя подобные схемы можно использовать различные виды конструктора. Например: «Дары Фребеля», «Палочки Кюизинера».

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PATTERN CARDS



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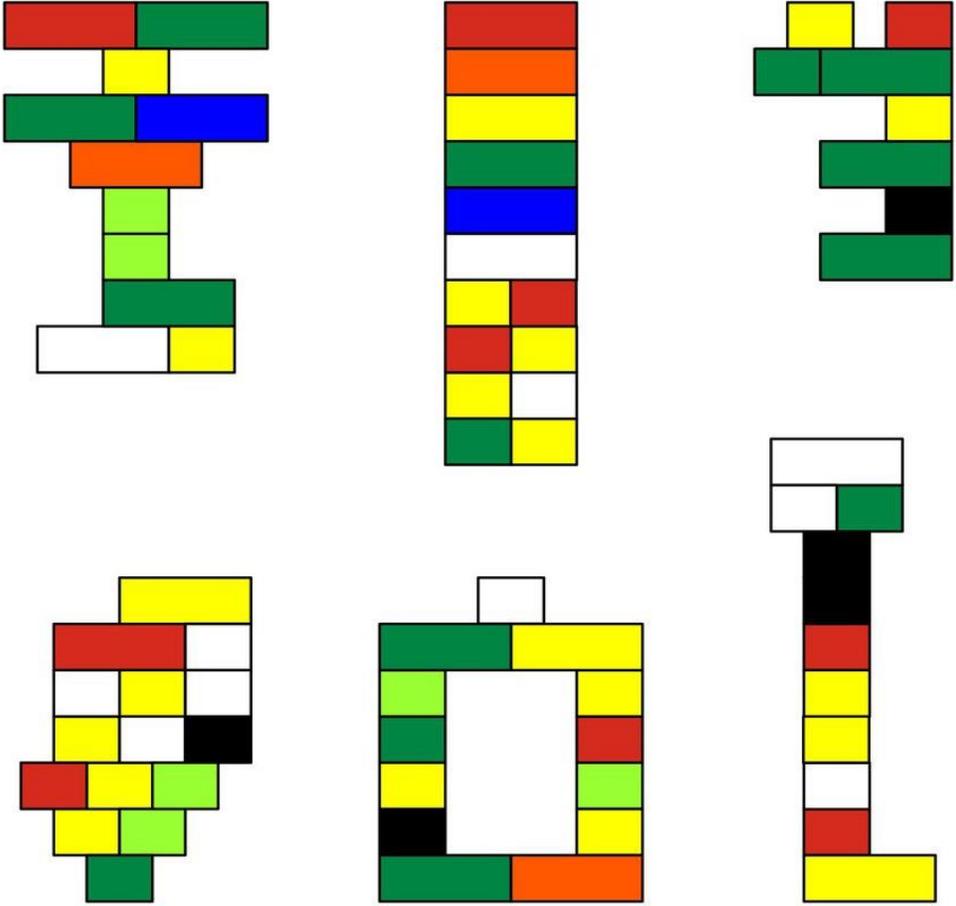
www.YourTherapySource.com

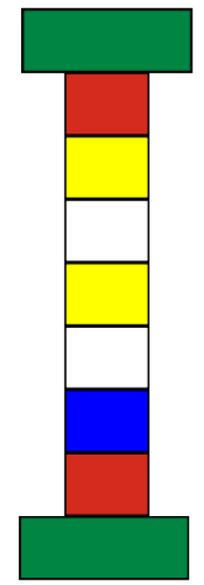
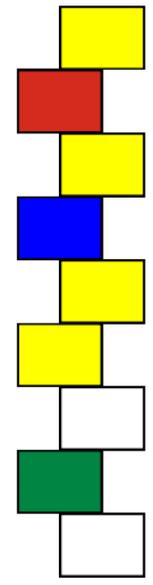
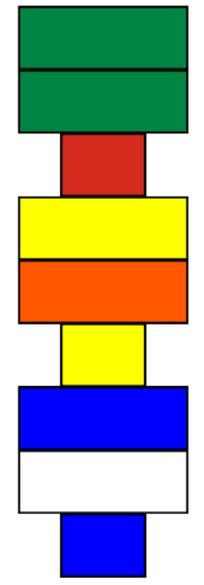
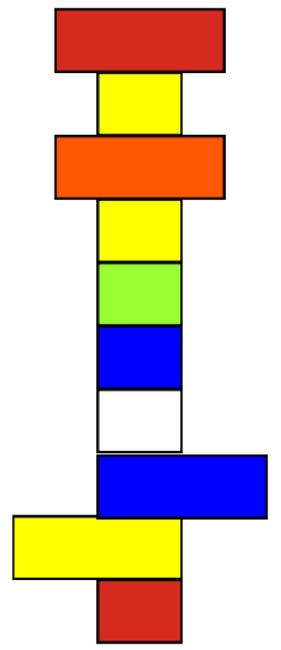
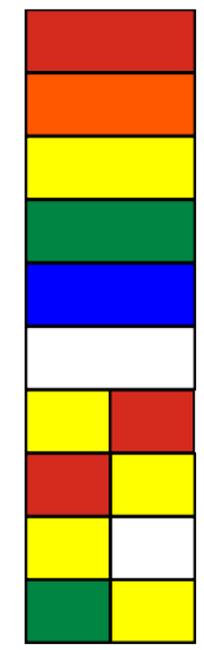
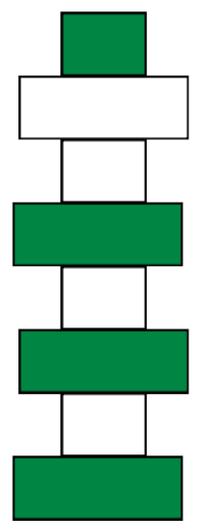
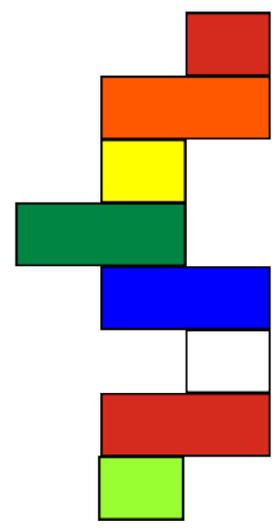
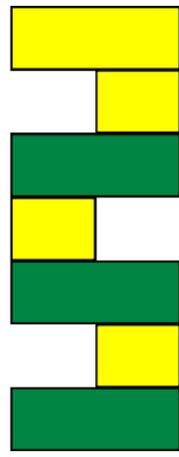
www.YourTherapySource.com

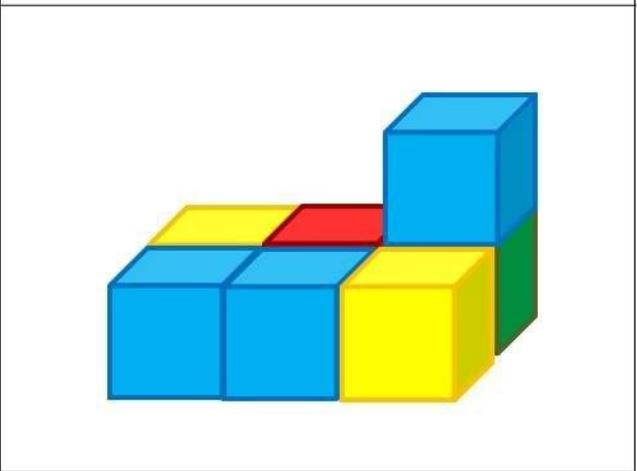
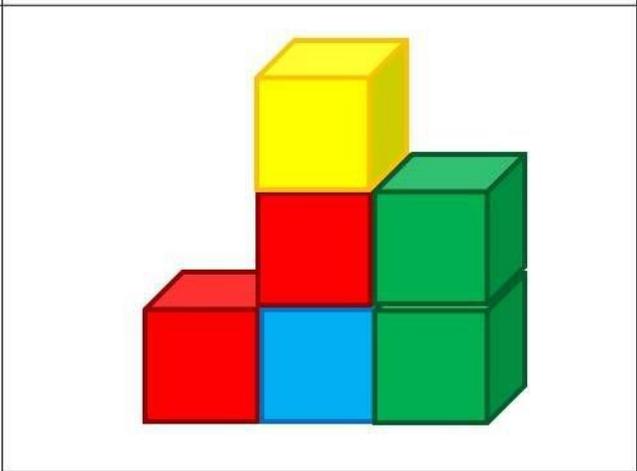
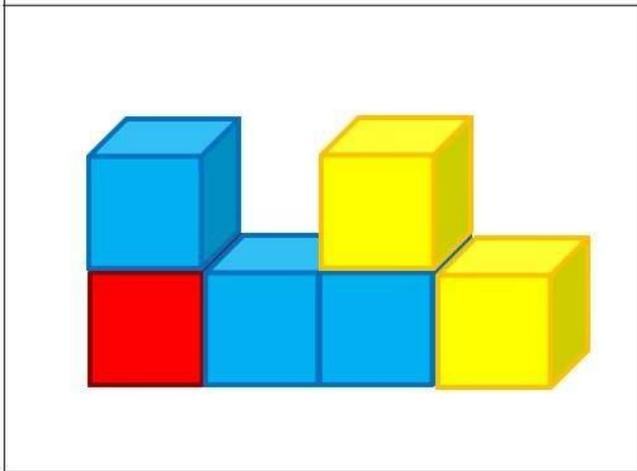
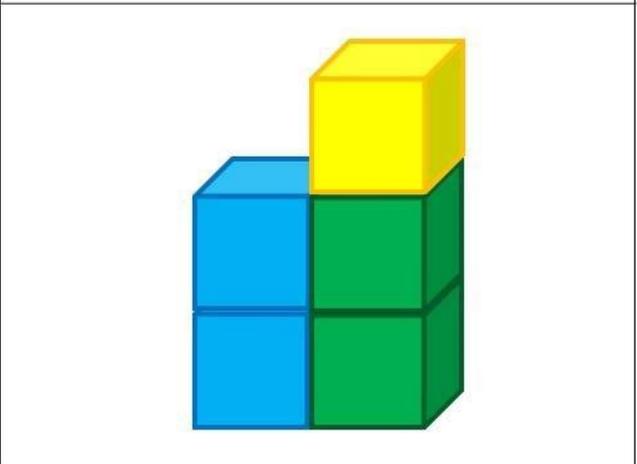
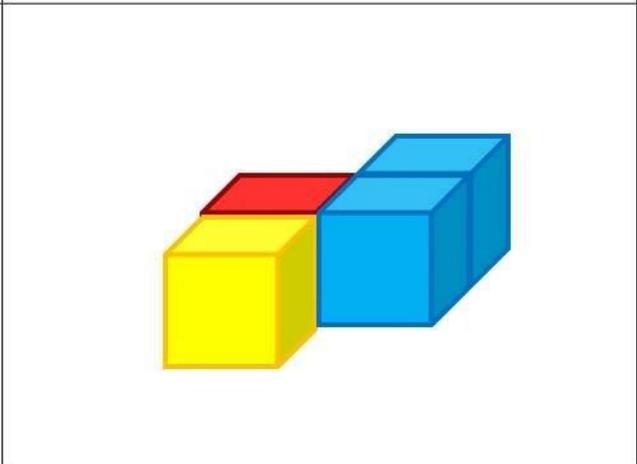
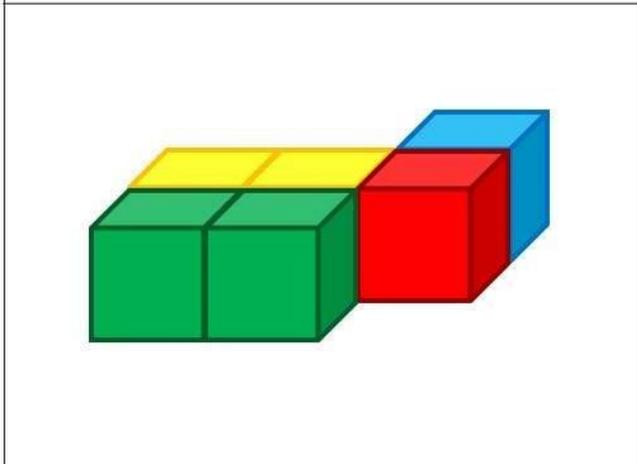
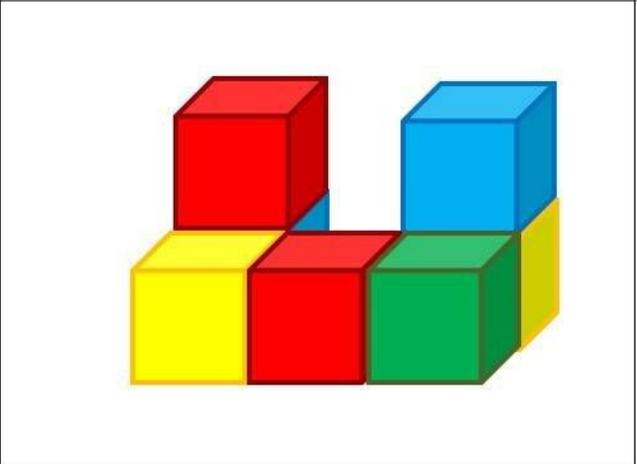
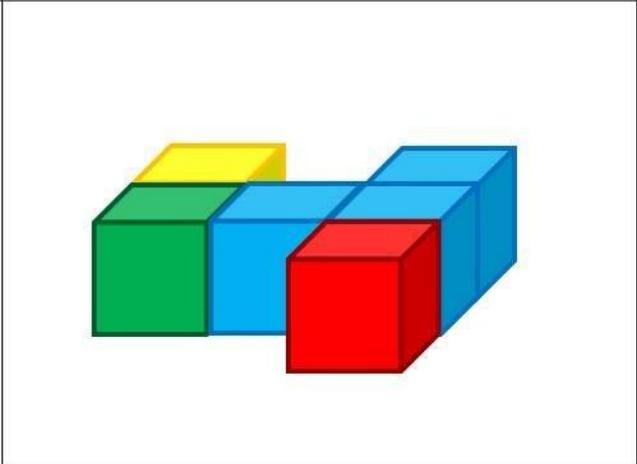
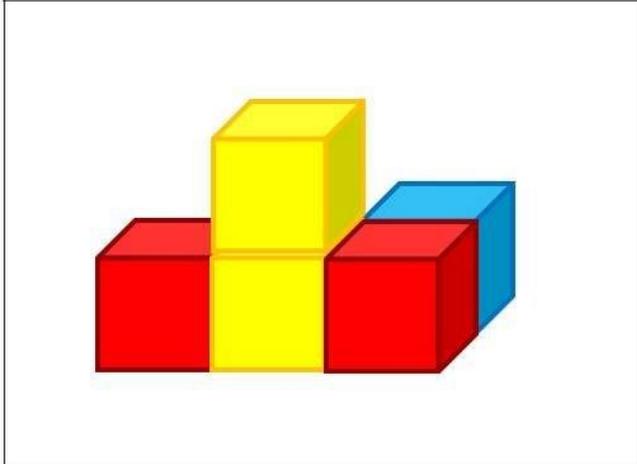
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LARGE PATTERN CARDS

Directions: Using the blocks listed create the object below.







Дерево

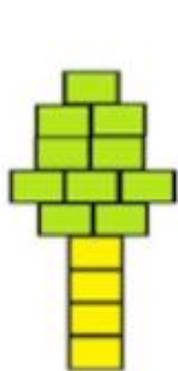


рис.1

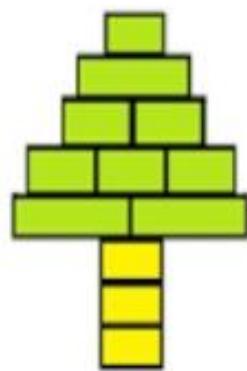


рис.2 Елка

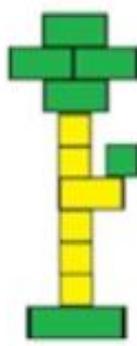


рис.3



рис.4 Сосна

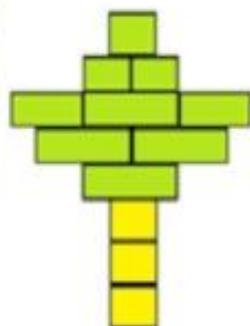


рис.5

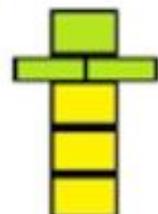


рис.6

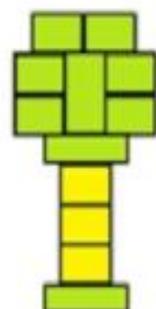


рис.7

Кустарник

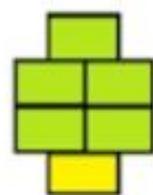


рис.1



рис.2



рис.3

Мебель



рис.1. Кровать



рис.2 Скамеечка (лавка)

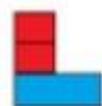


рис.3 Стул

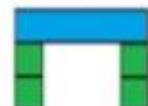
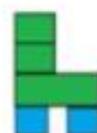
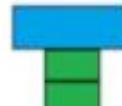
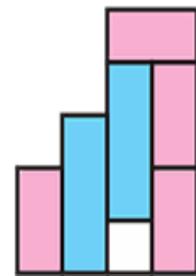
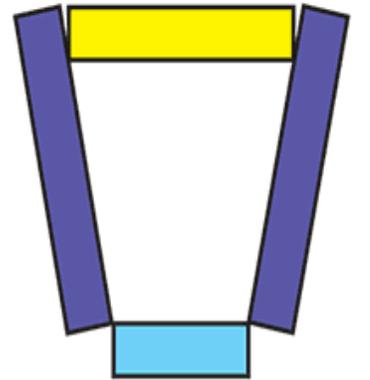
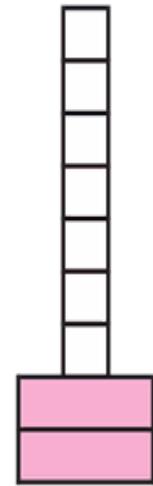
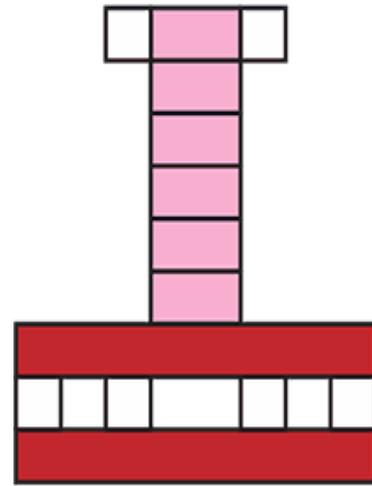
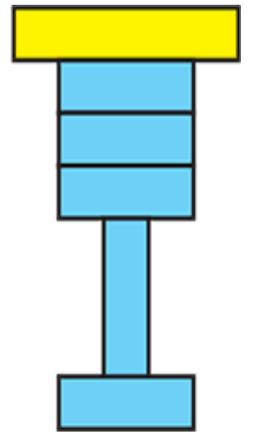
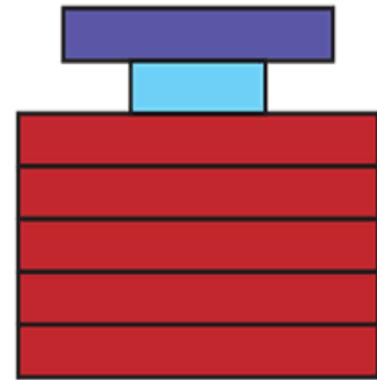
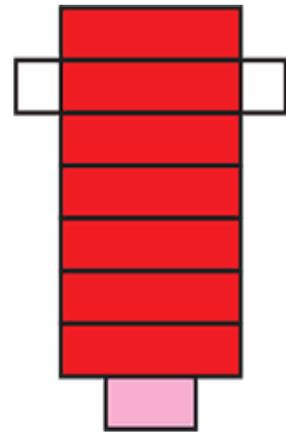
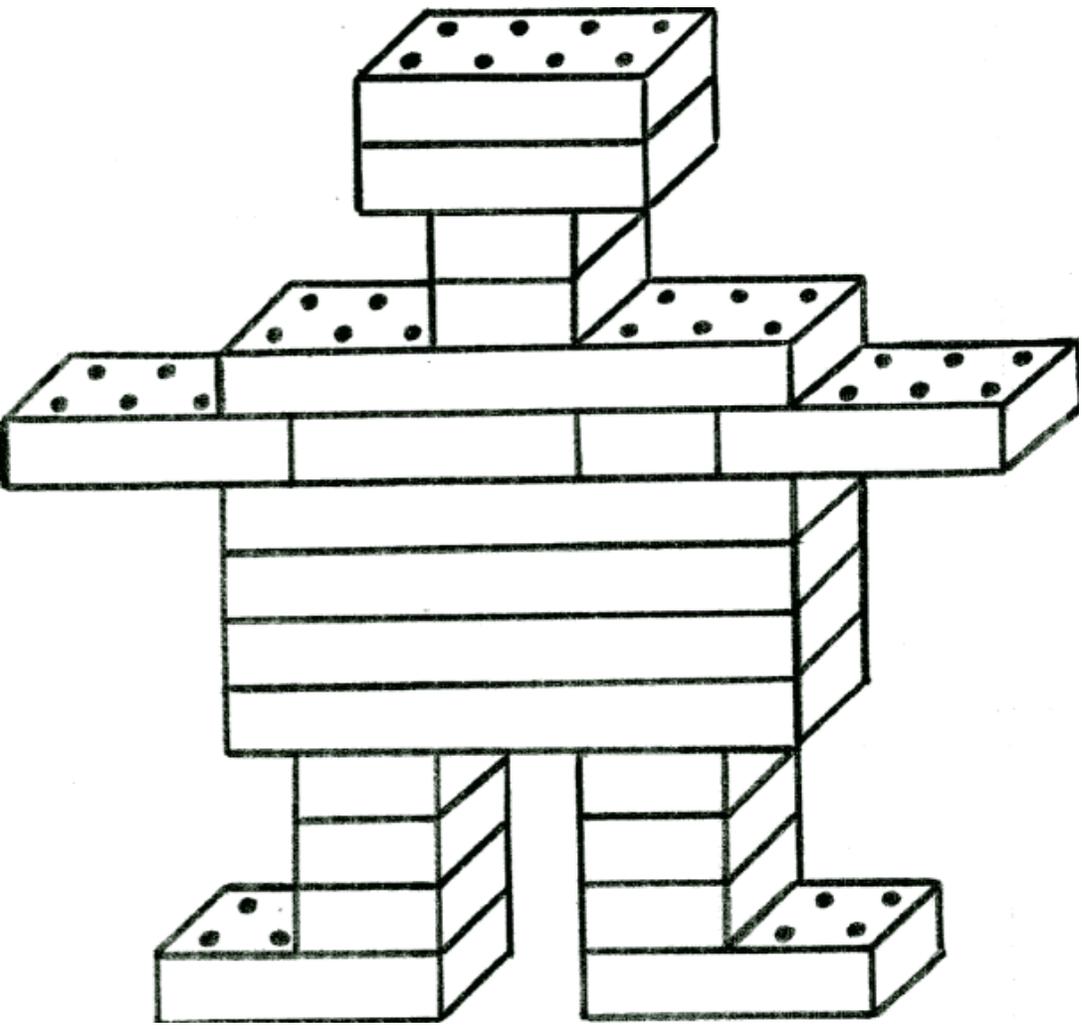
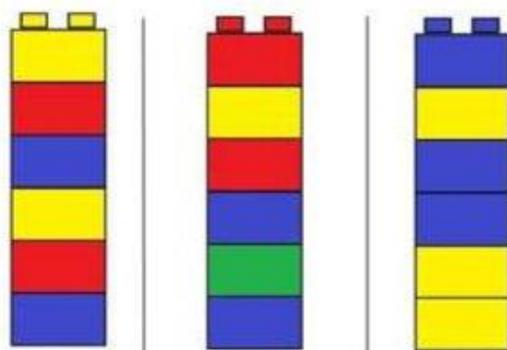
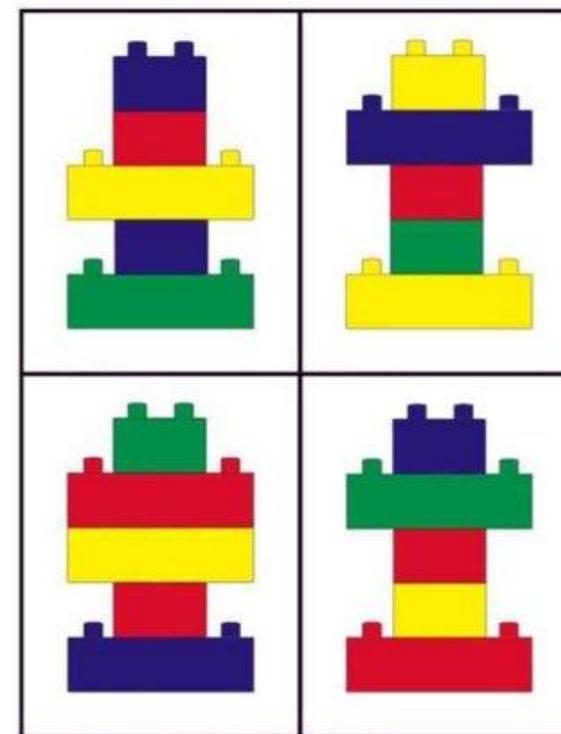
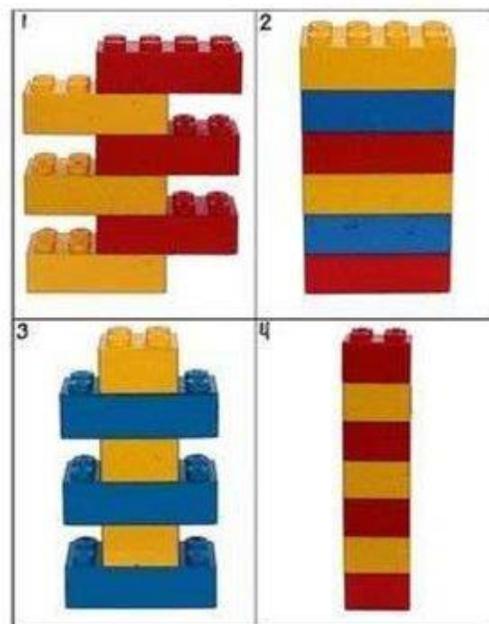
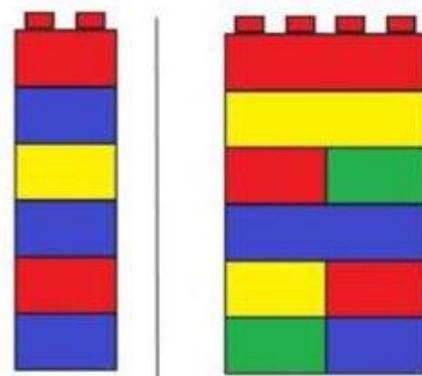


рис.4 Стол





Примеры карточек-схем, инструкций и моделей для Лего-конструирования



Используя схемы для конструирования из кубиков или мозаики так же можно использовать лего-конструктор и создать похожую модель, используя образец. Таким образом у детей развивается воображение.

