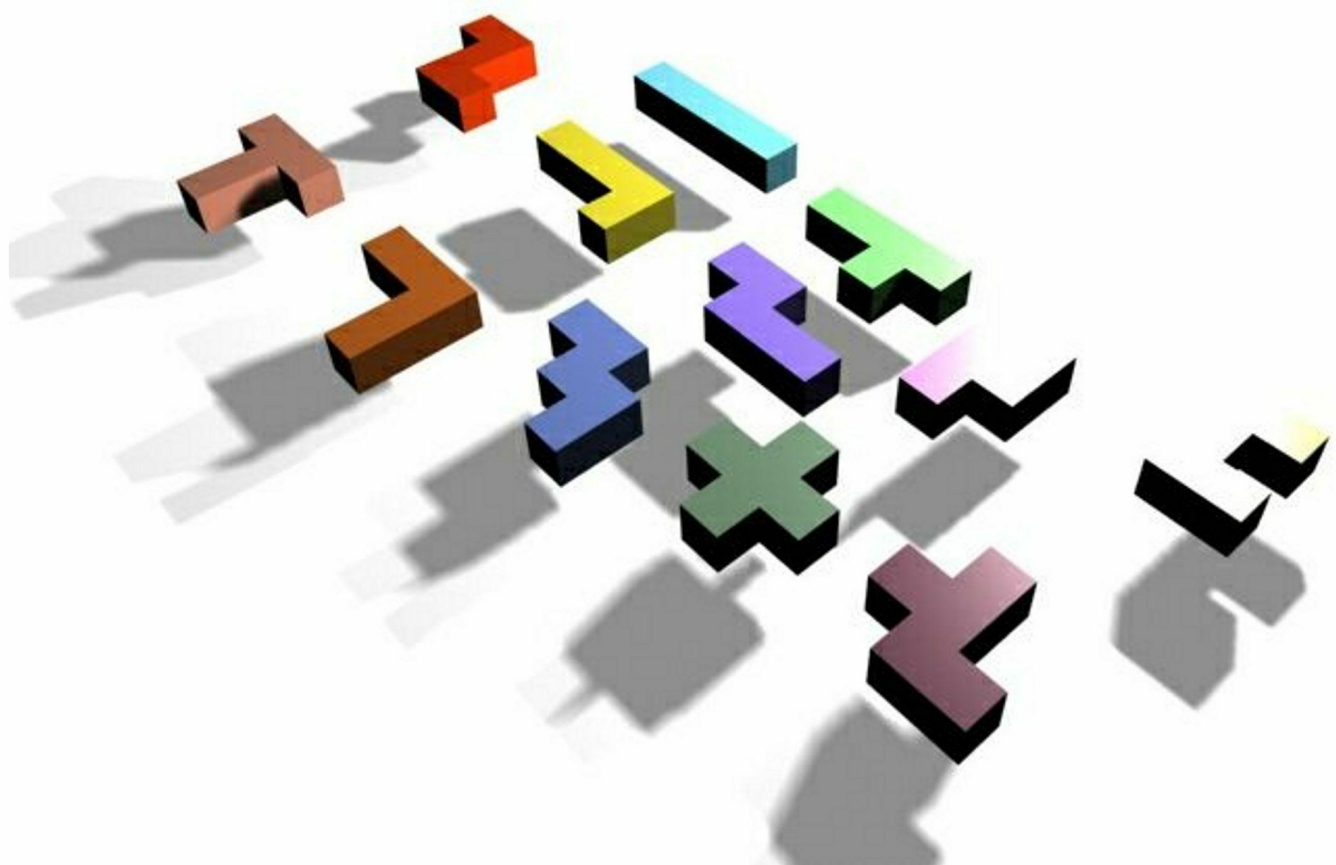


Пентамино



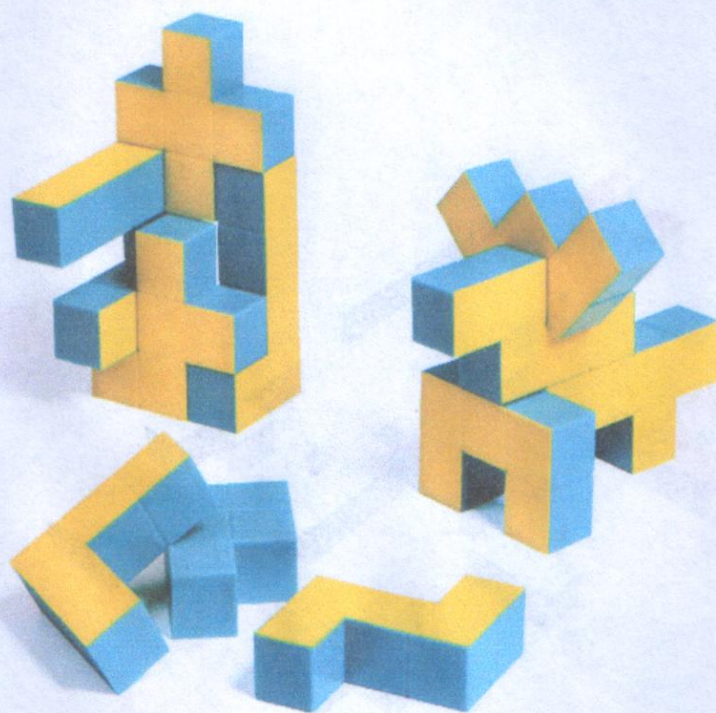
Книга задач и
решений



Материал для этой брошюры собран мной по страницам
журнала «Наука и жизнь» начиная с 1967 года.

Рисунки найдены на просторах Интернета.

С уважением – Владимир Федорченко



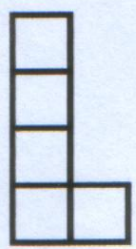
Для решения задач из этой книги Вам понадобится комплект
игры-головоломки «Пентамино». Смотрите на следующей странице.
Каждая фигура складывается из всех 12 элементов. Их можно крутить и
переворачивать, как Вам угодно.

Все задачи в этой книге имеют решение.

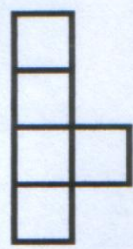
Удачи!!!



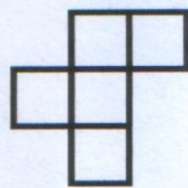
ПЕНТАМИНО



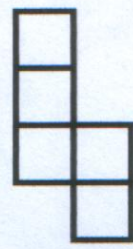
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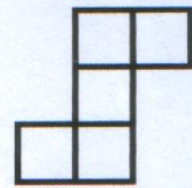
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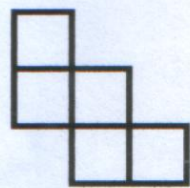
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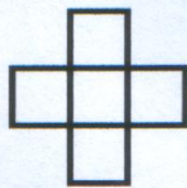
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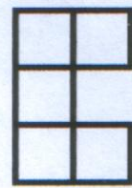
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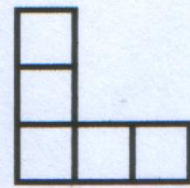
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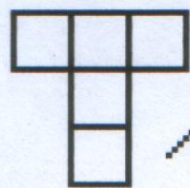
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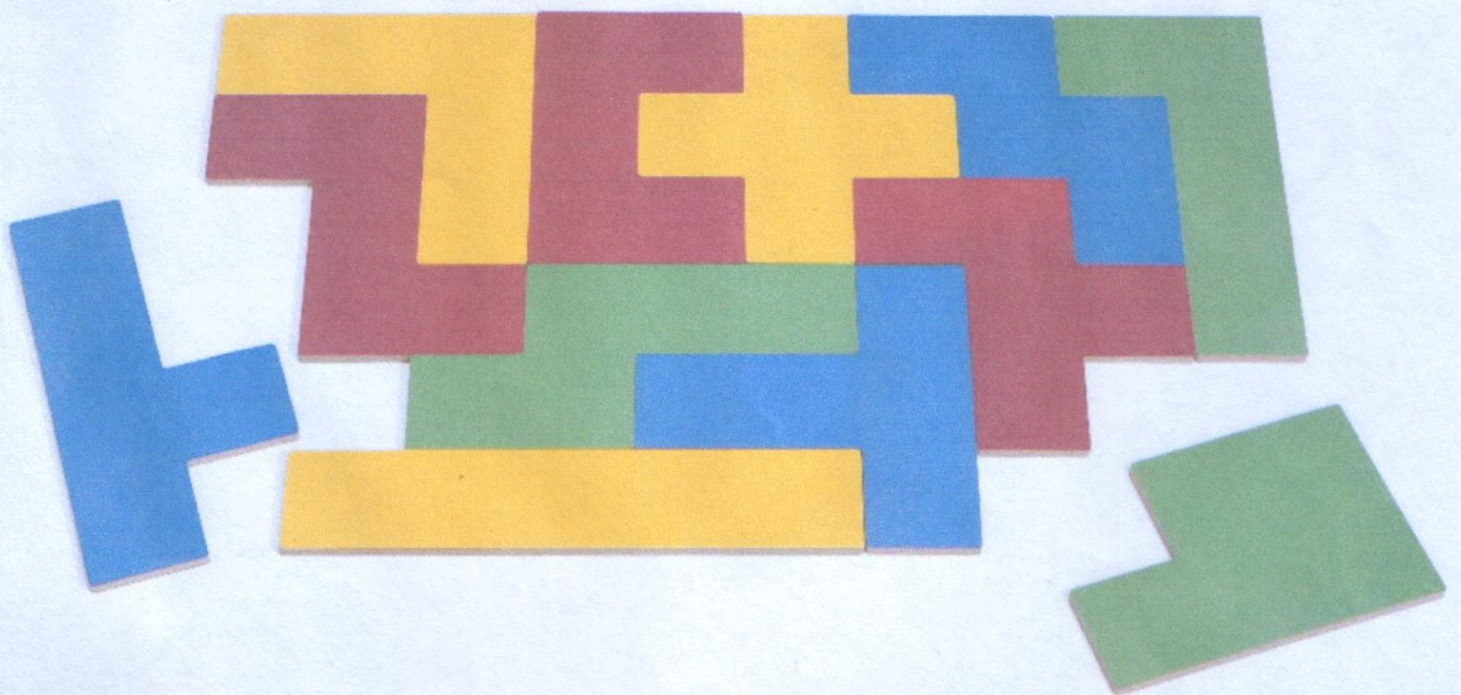
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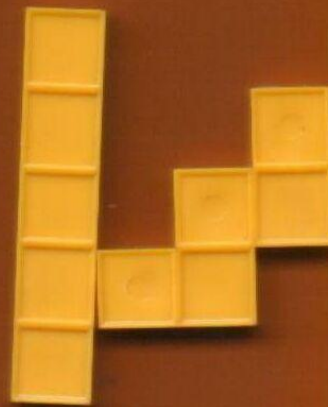
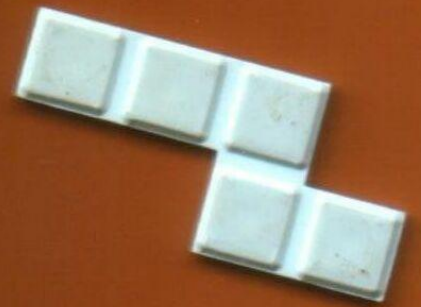
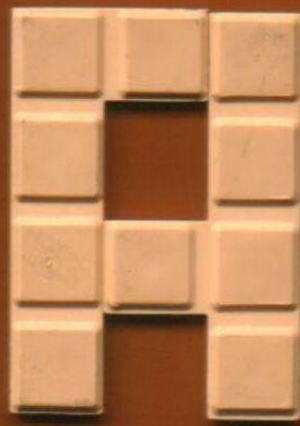
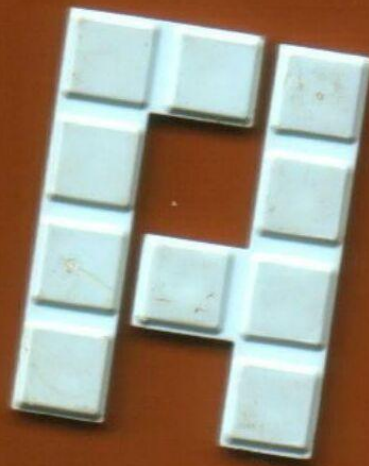


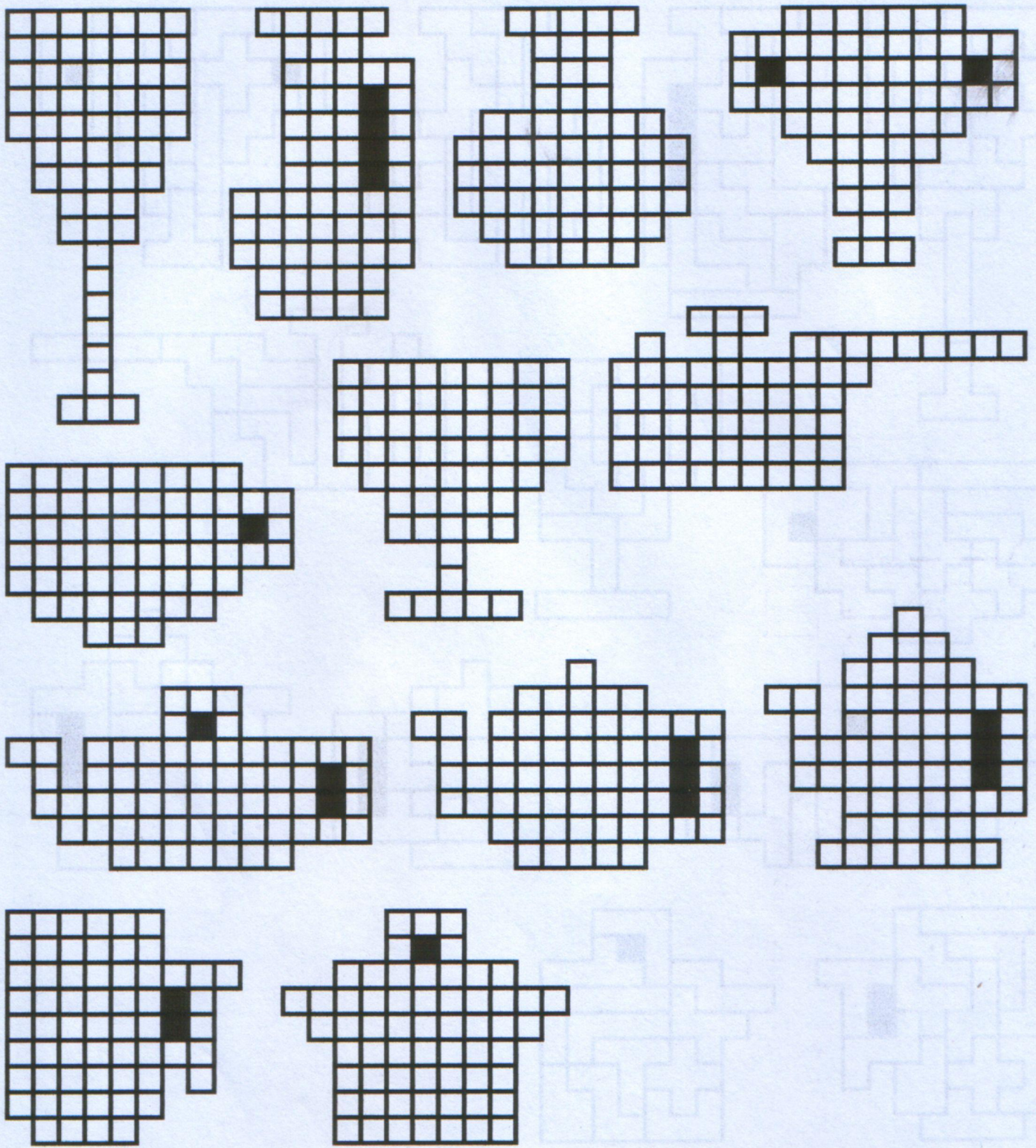
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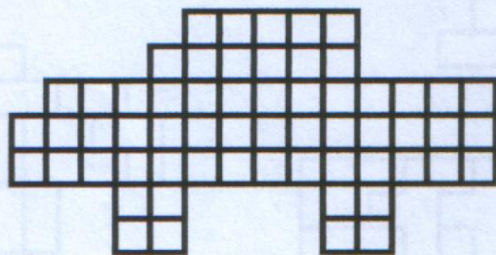
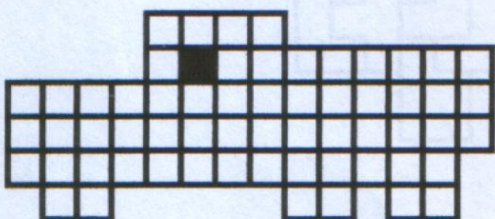
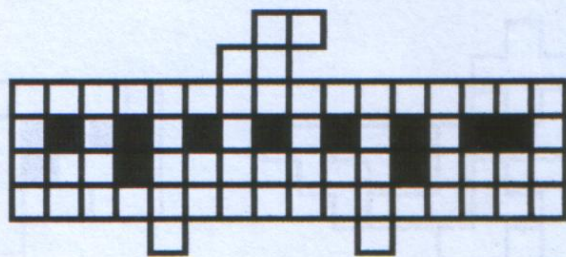
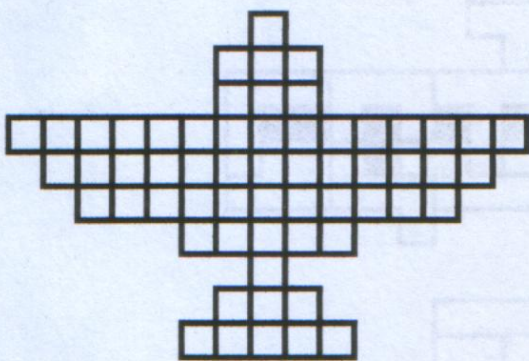
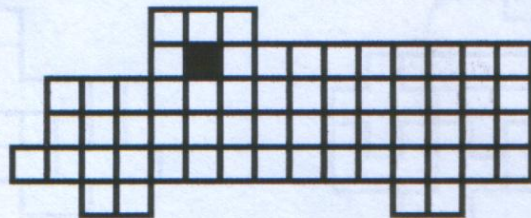
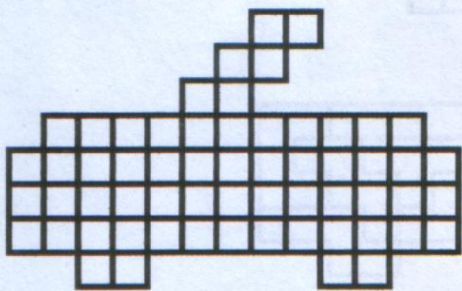
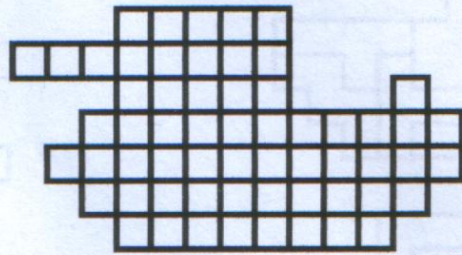
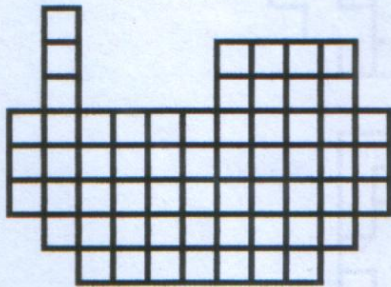
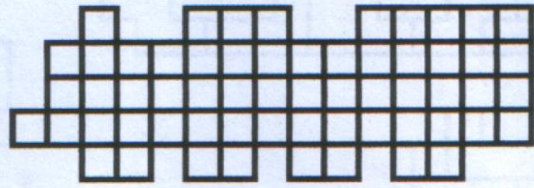
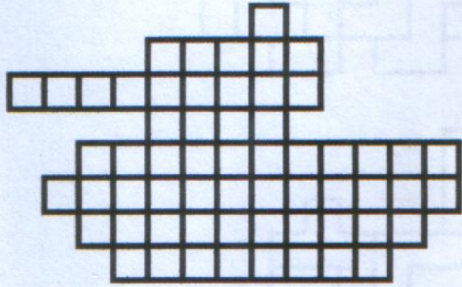
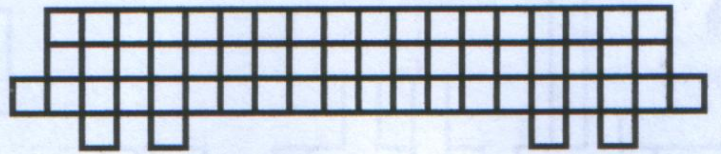
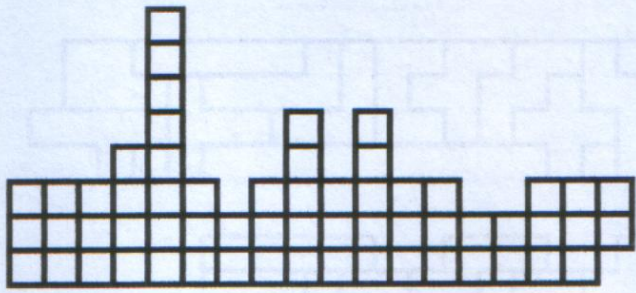


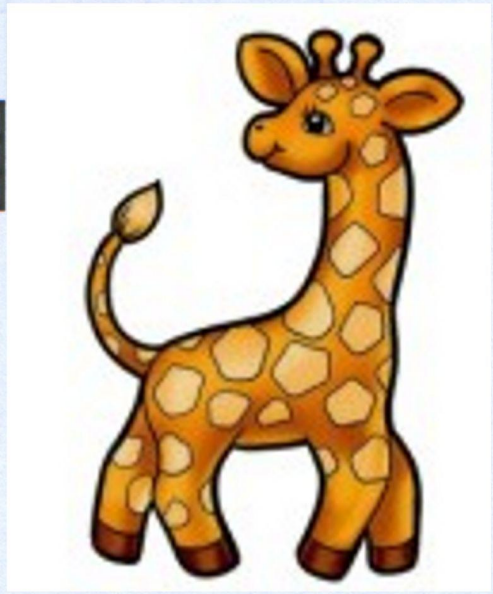
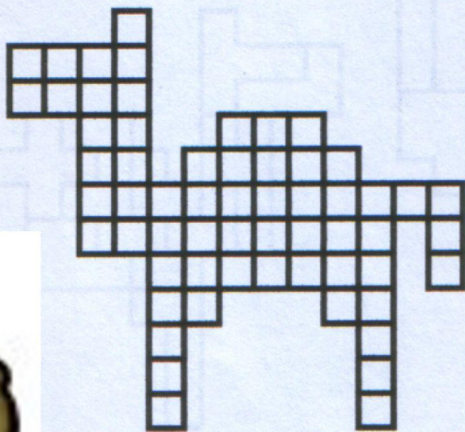
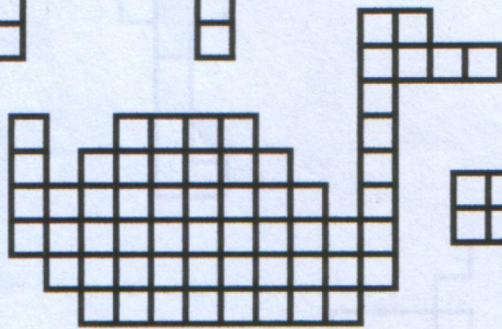
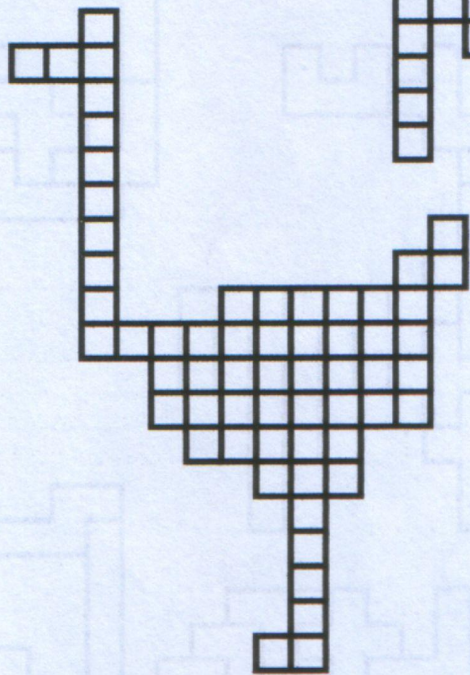
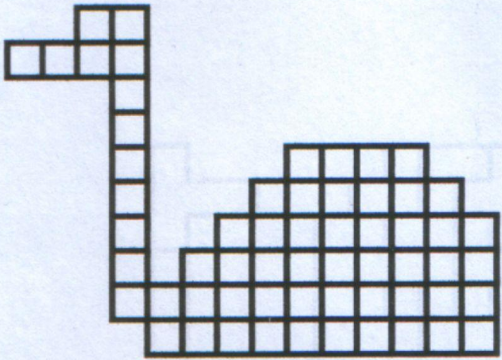
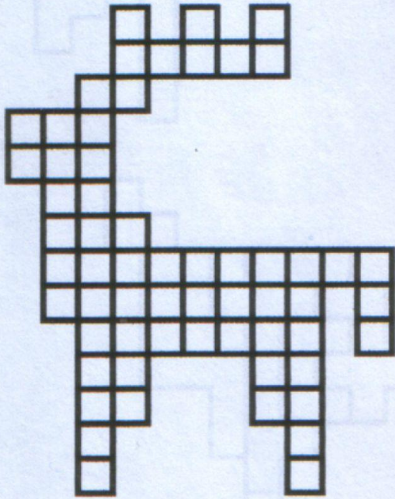
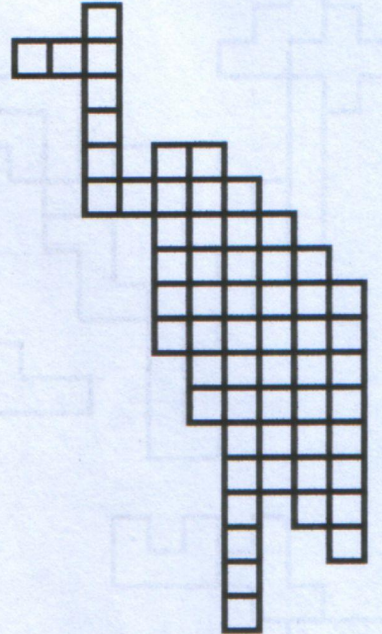
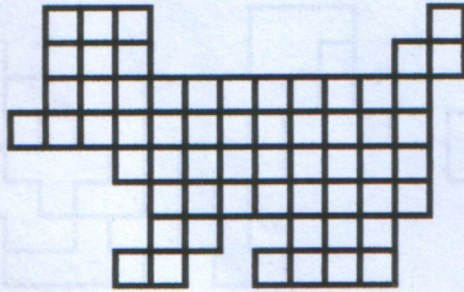
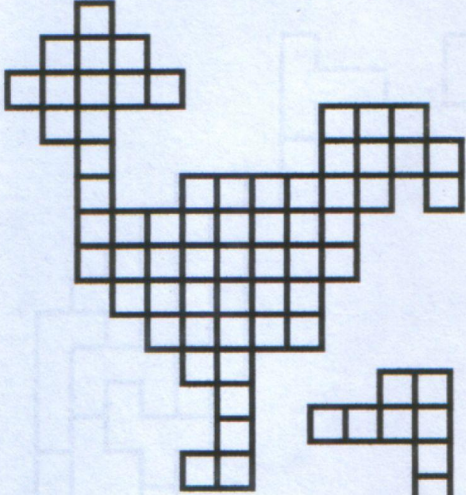
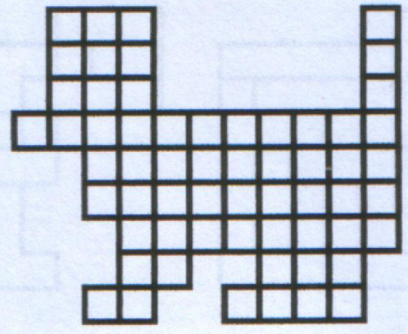
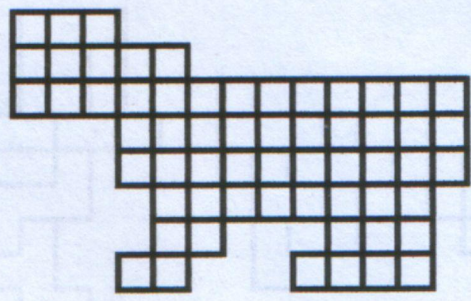
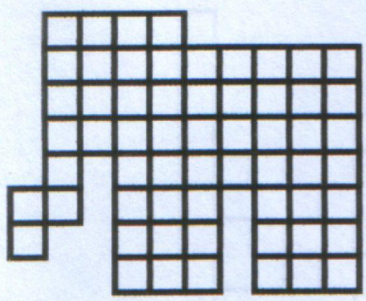
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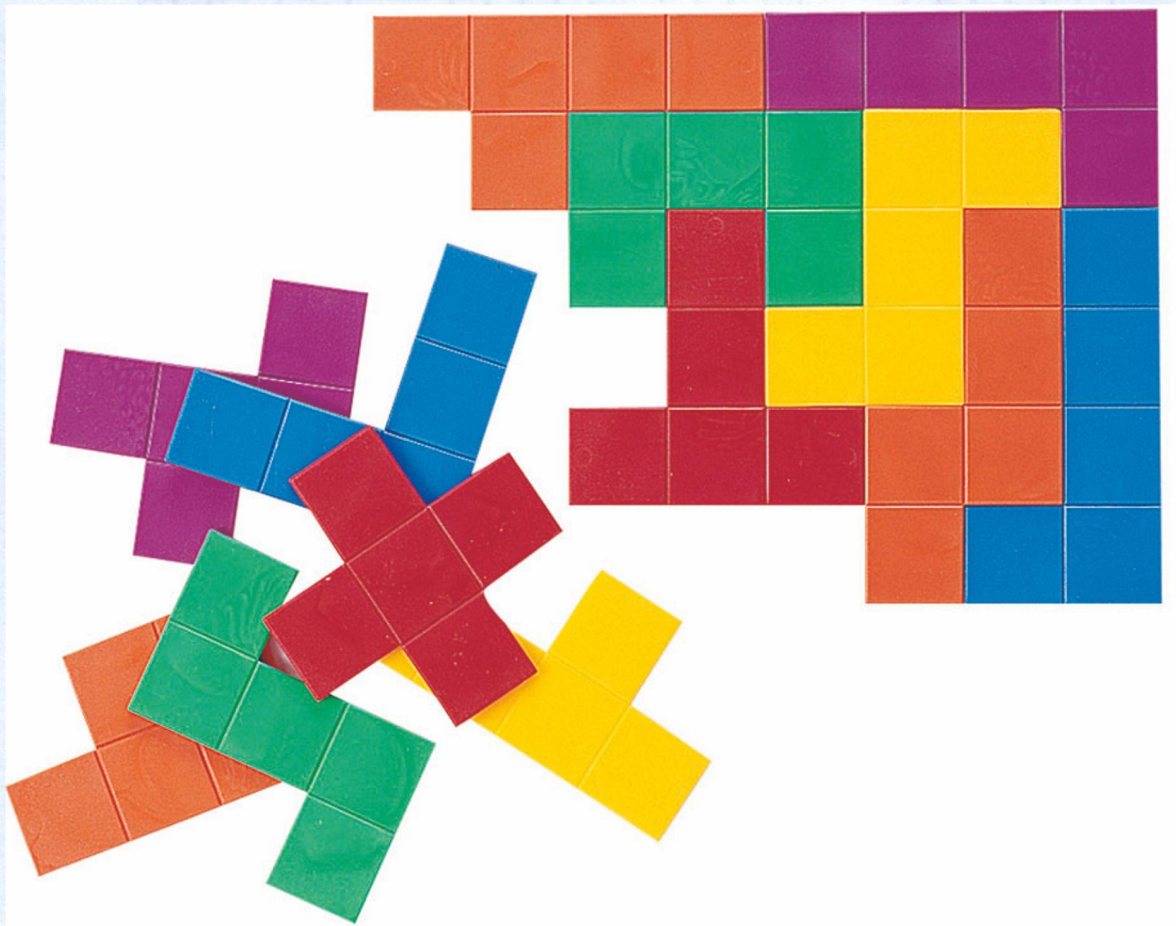
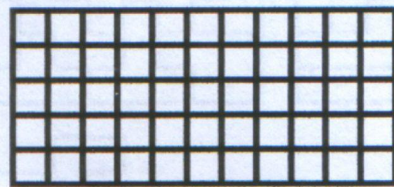


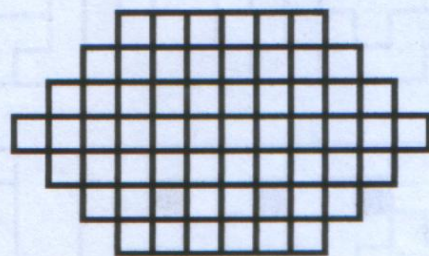
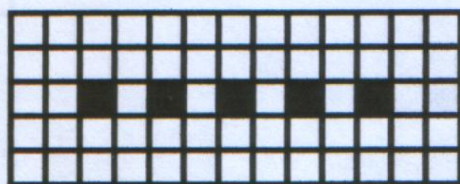
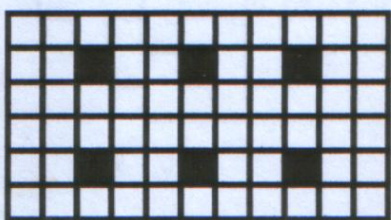
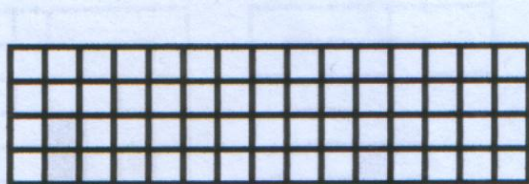
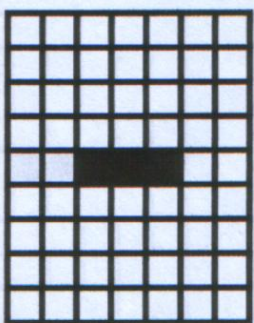
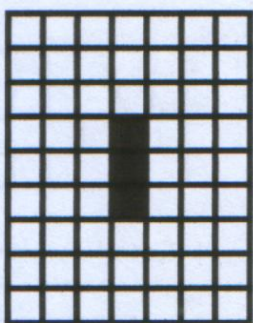
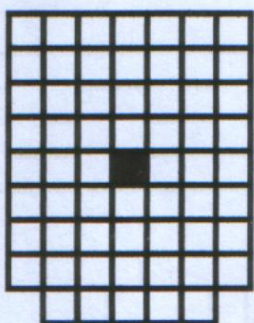
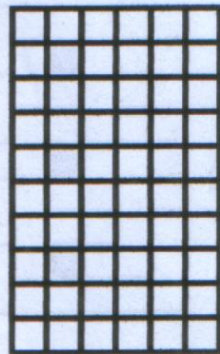
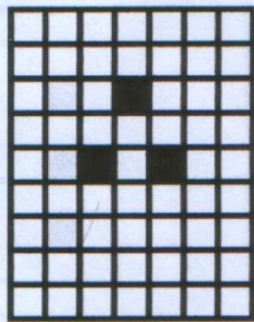
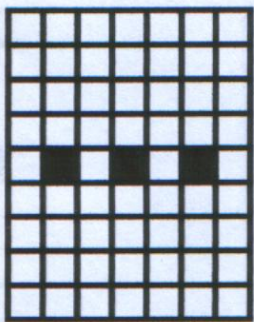
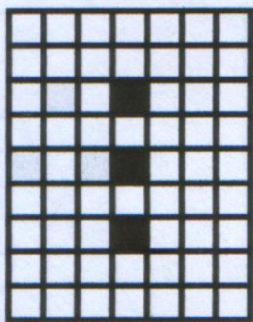
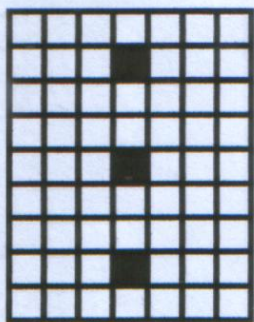
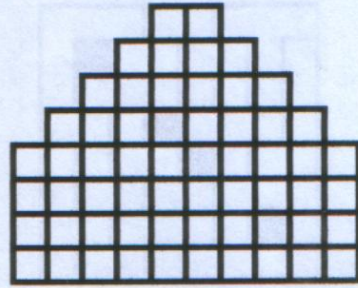
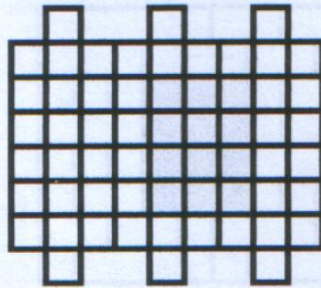
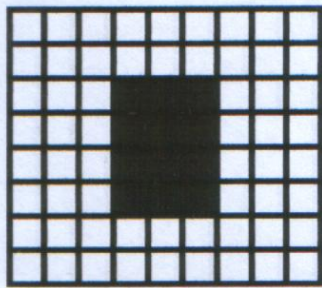
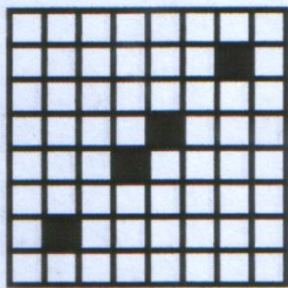
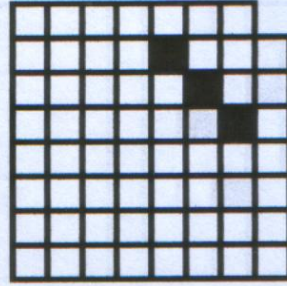
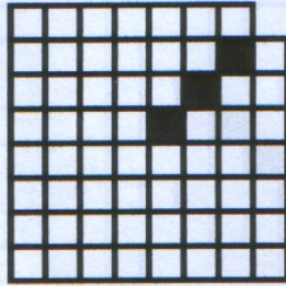
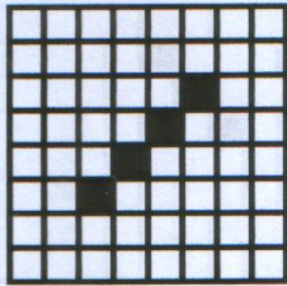
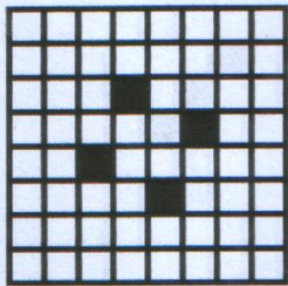
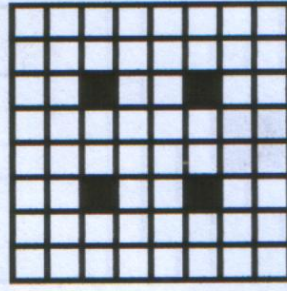
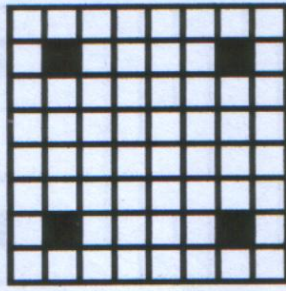
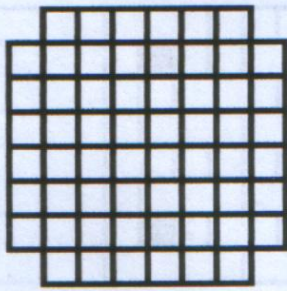
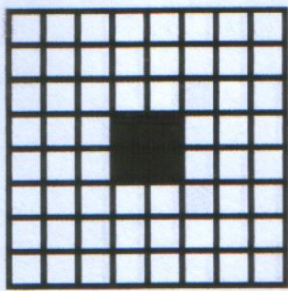


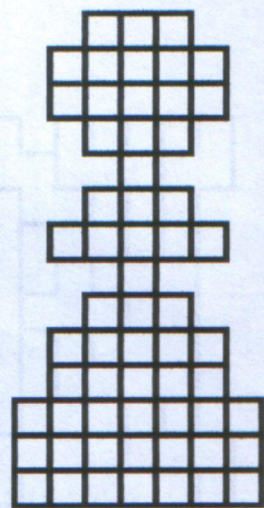
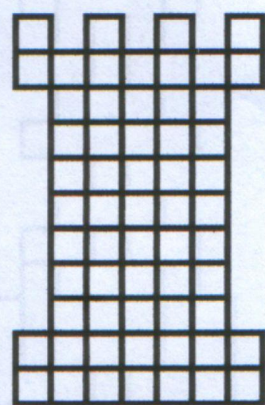
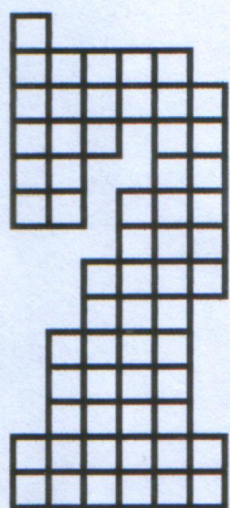
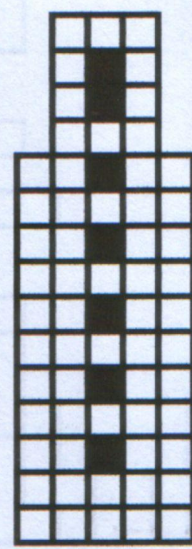
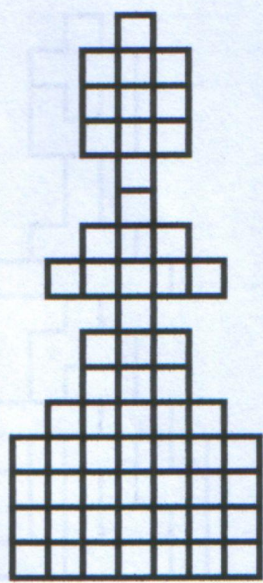
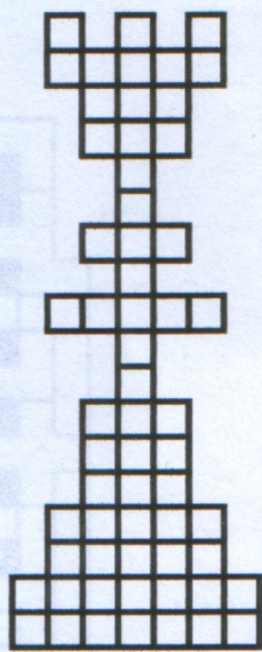
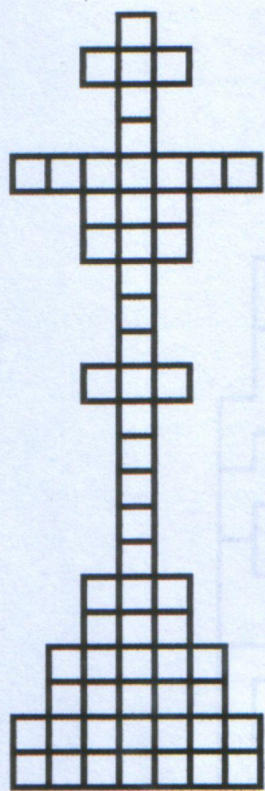




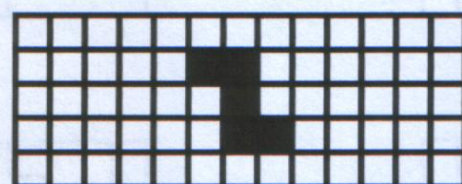
Постройте
прямоугольник 5×11 ,
оставляя "лишним"
любой из 12 пентамино.

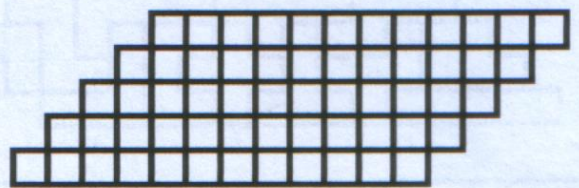
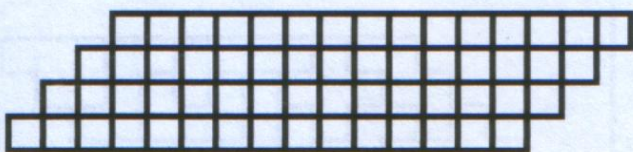
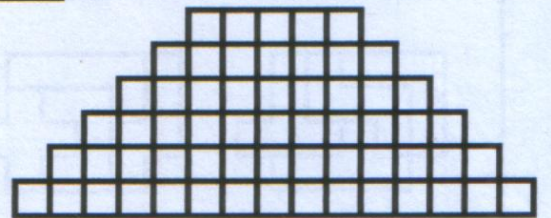
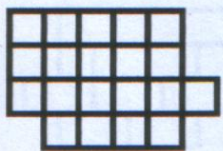
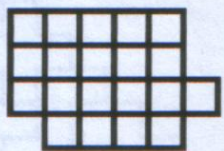
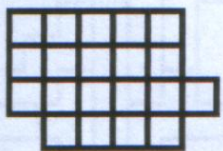
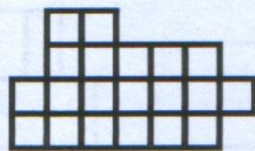
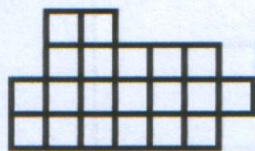
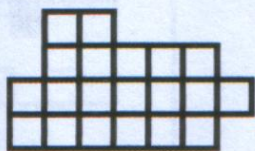
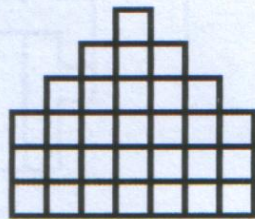
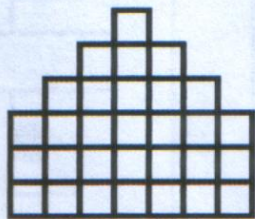
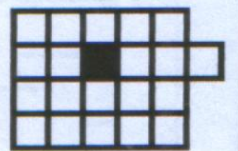
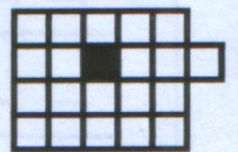
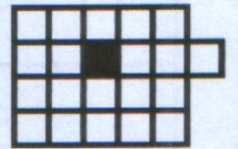
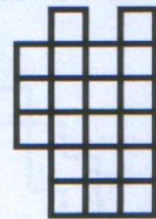
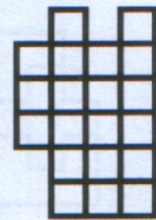
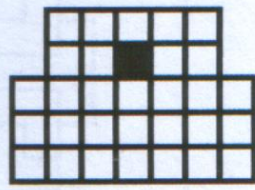
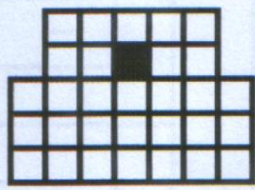
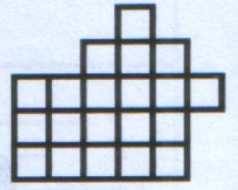
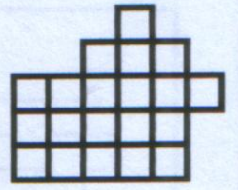
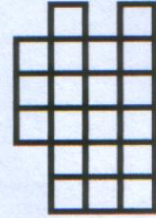
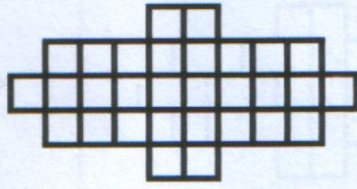
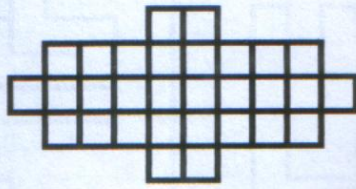
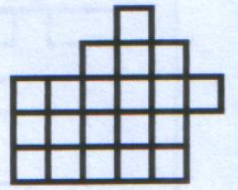
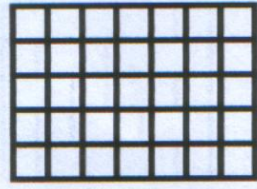
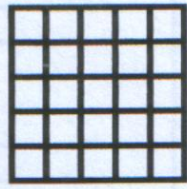
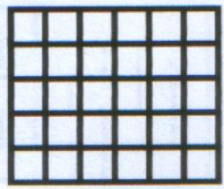
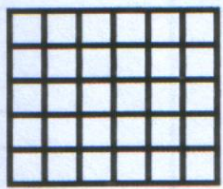


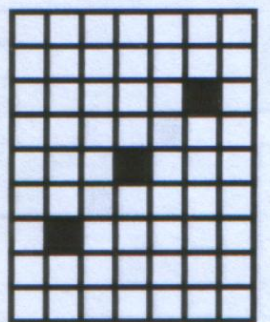
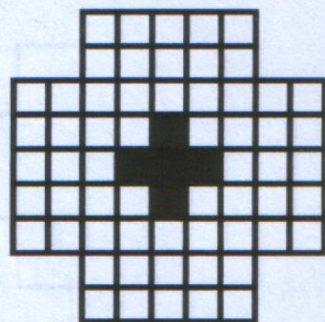
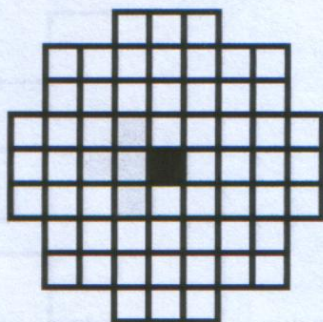
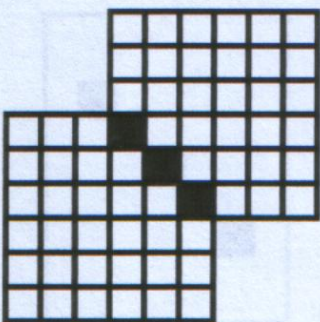
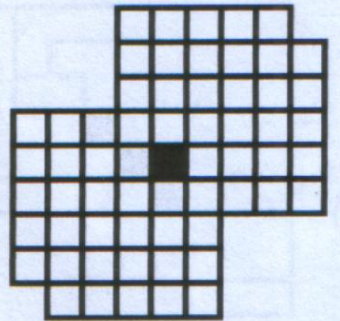
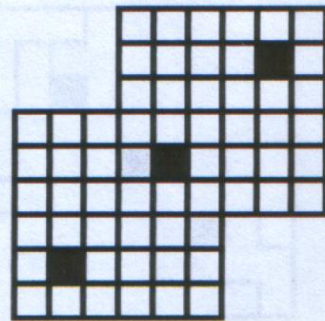
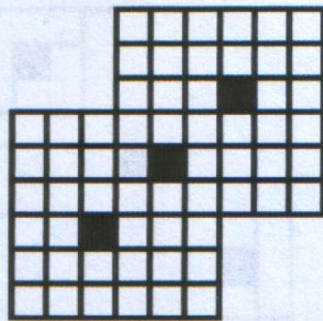
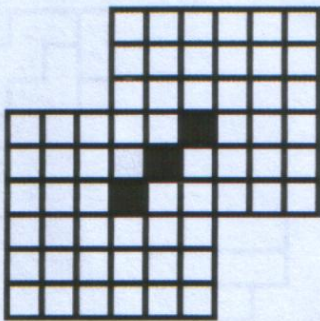
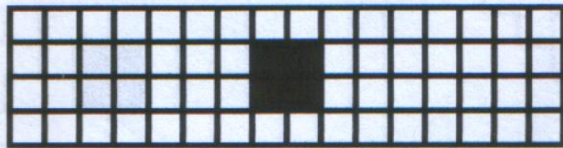
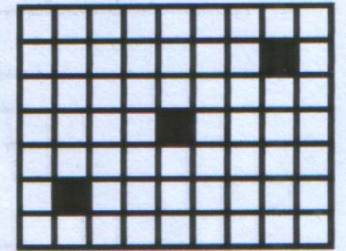
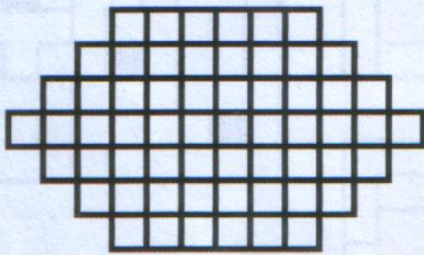
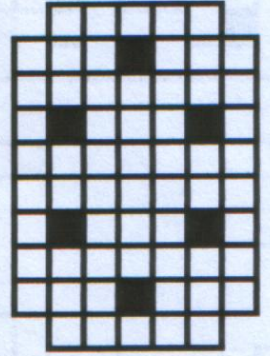
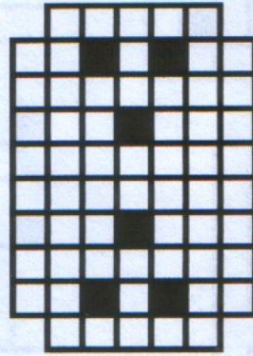
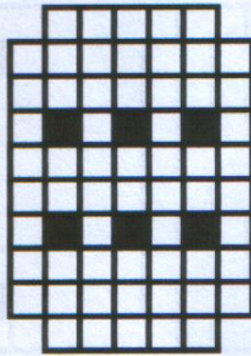
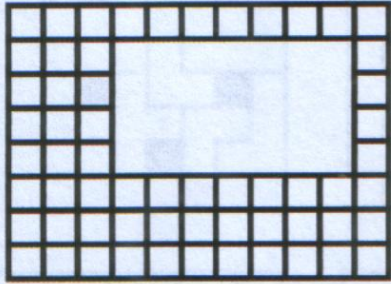
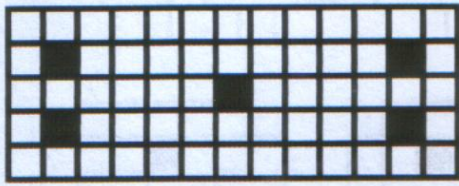
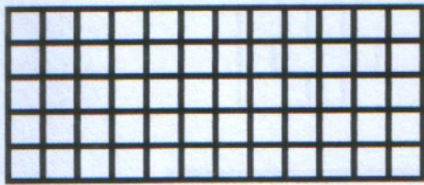


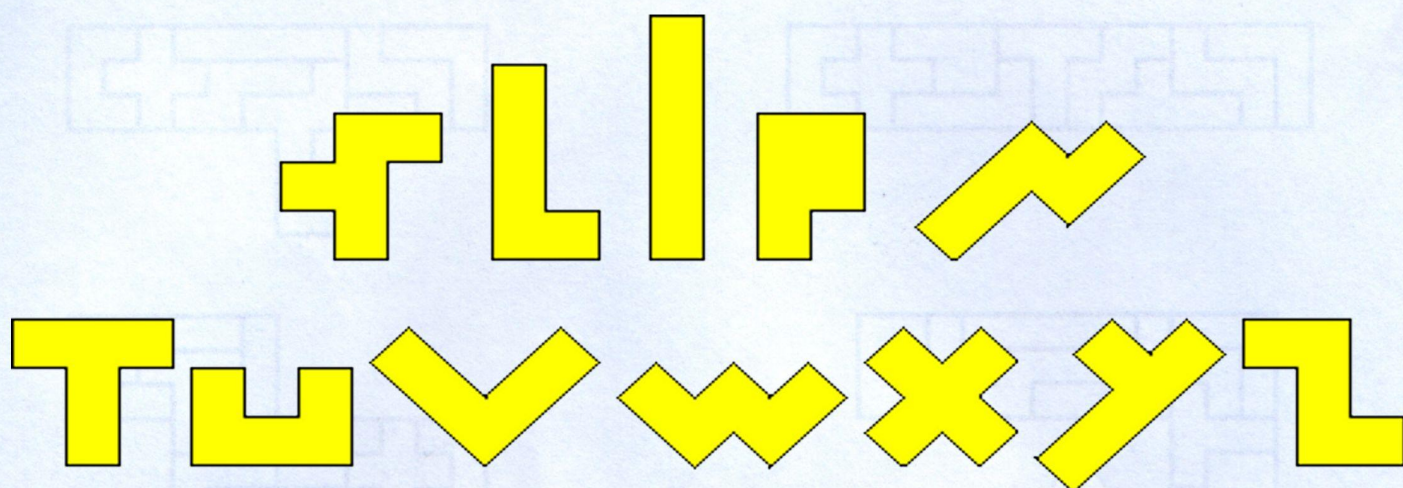


Постройте
прямоугольник 5×13
таким образом, чтобы
внутри прямоугольника
(в центральной его
части) образовался
силуэт одного из 12
элементов
поочерёдно.



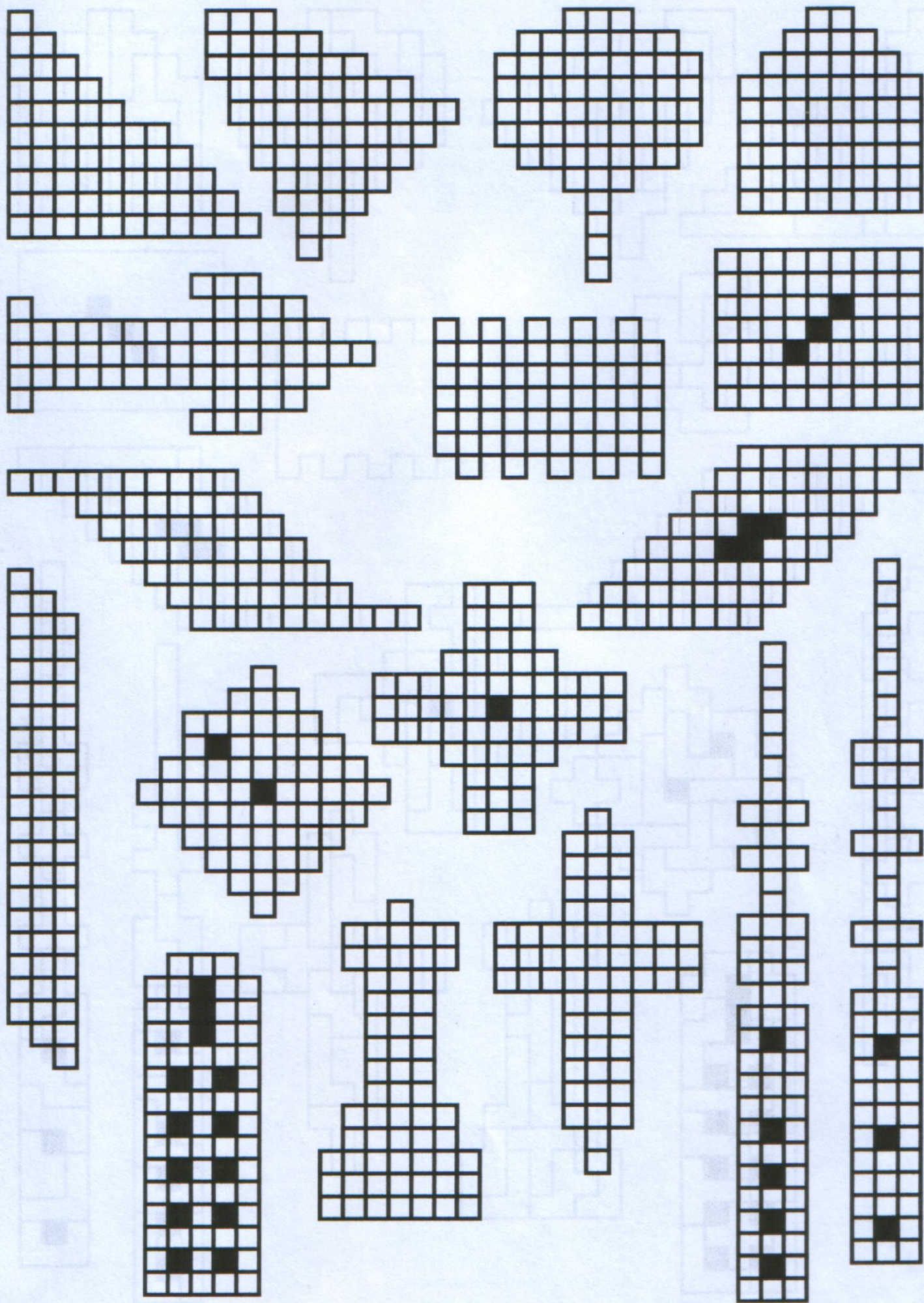


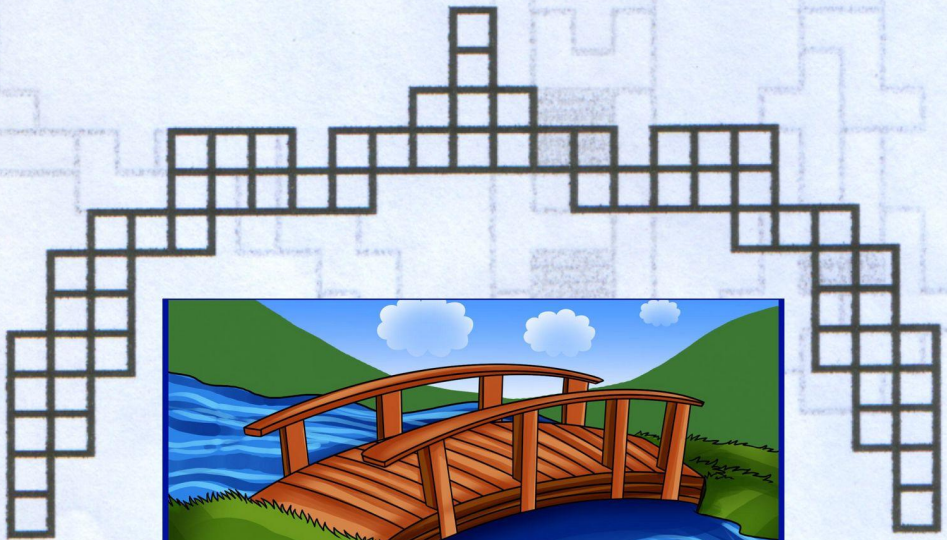
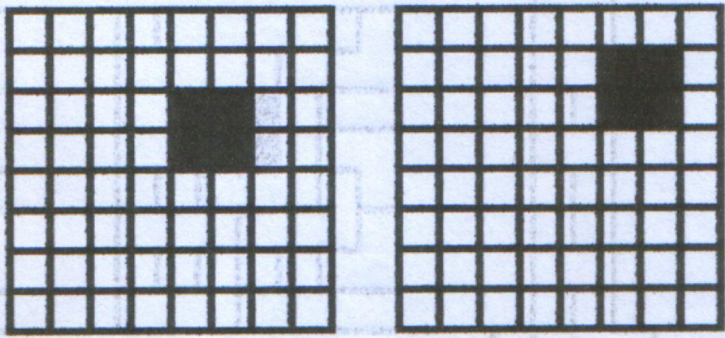
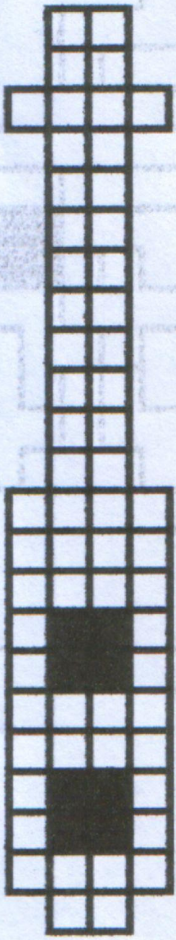
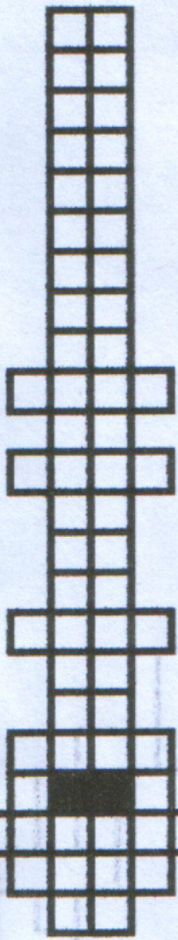
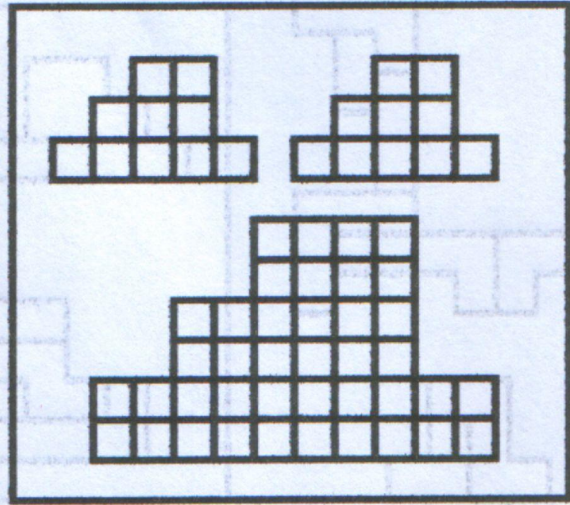
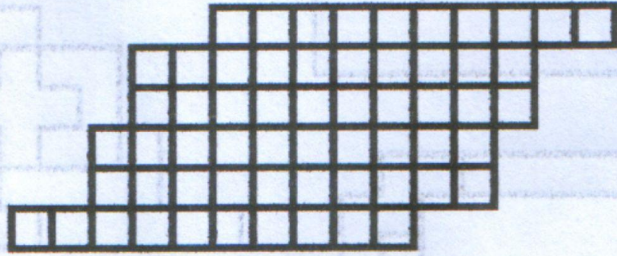
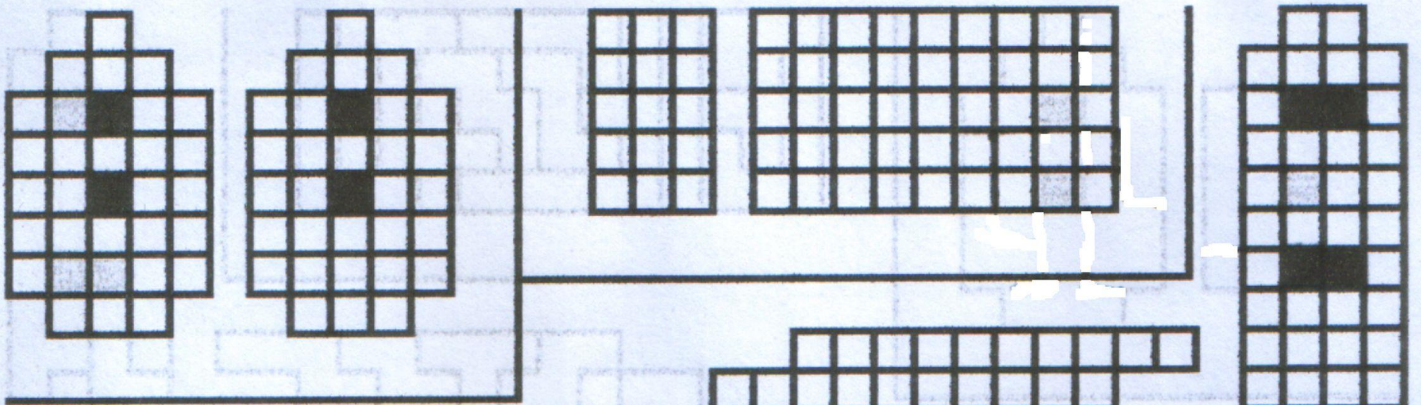


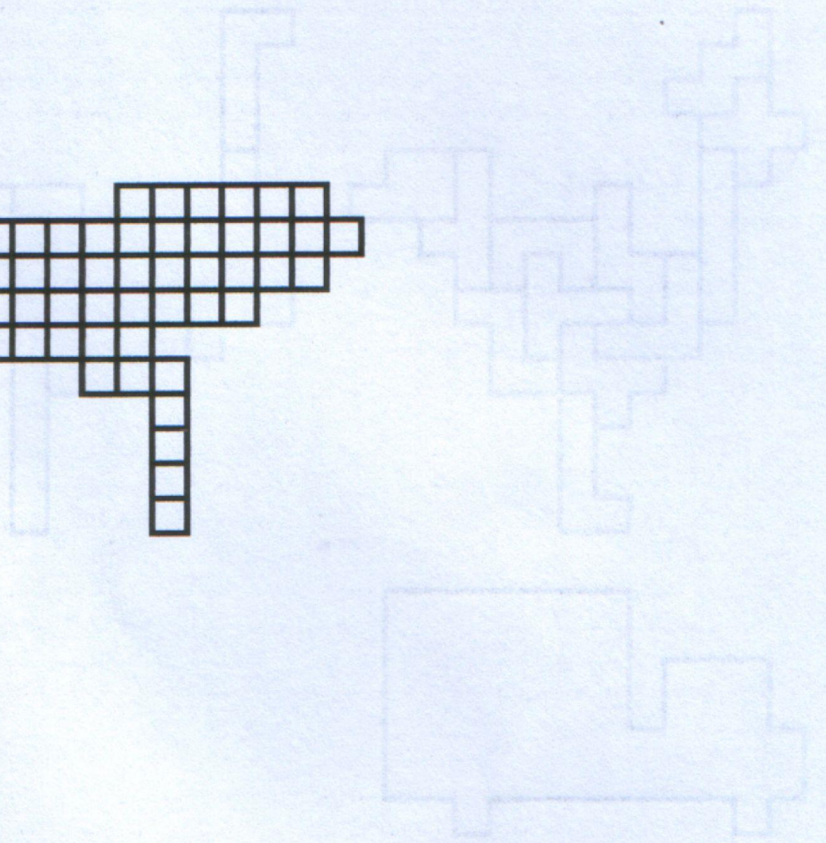
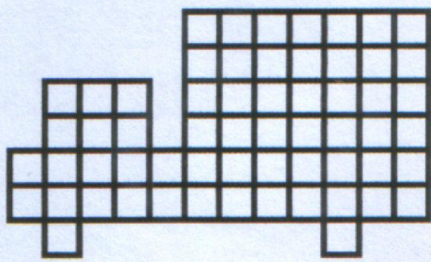
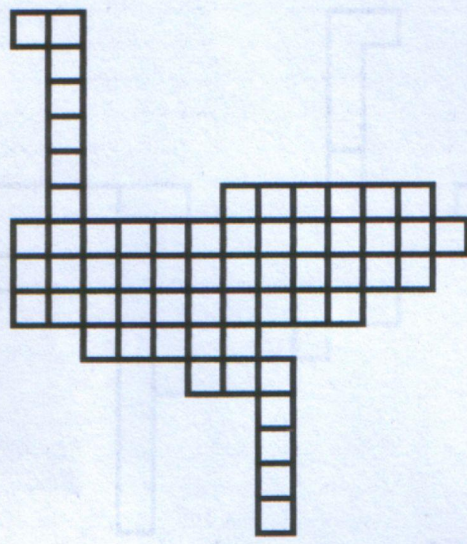
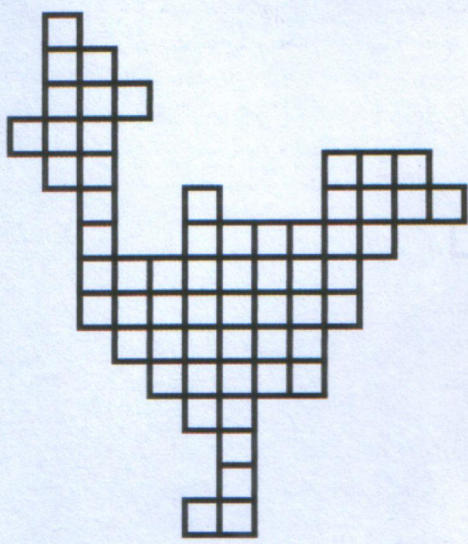


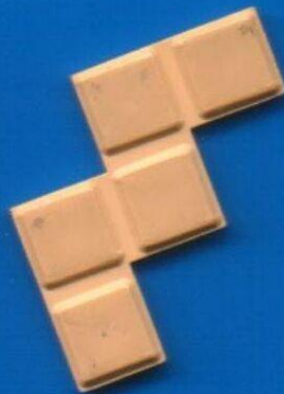
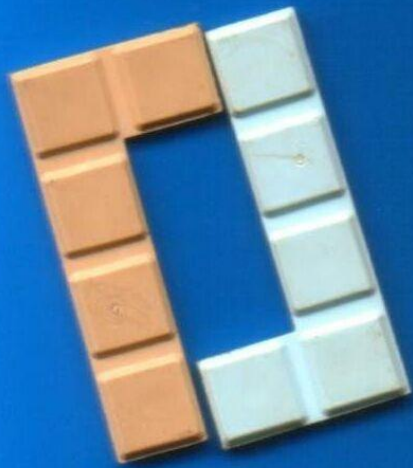
Выбрав одно из 12 пентамино, необходимо построить из любых 9 оставшихся элементов фигуру, подобную выбранной. Эта фигура окажется втрое выше и втрое шире исходного элемента. Имеется много решений.

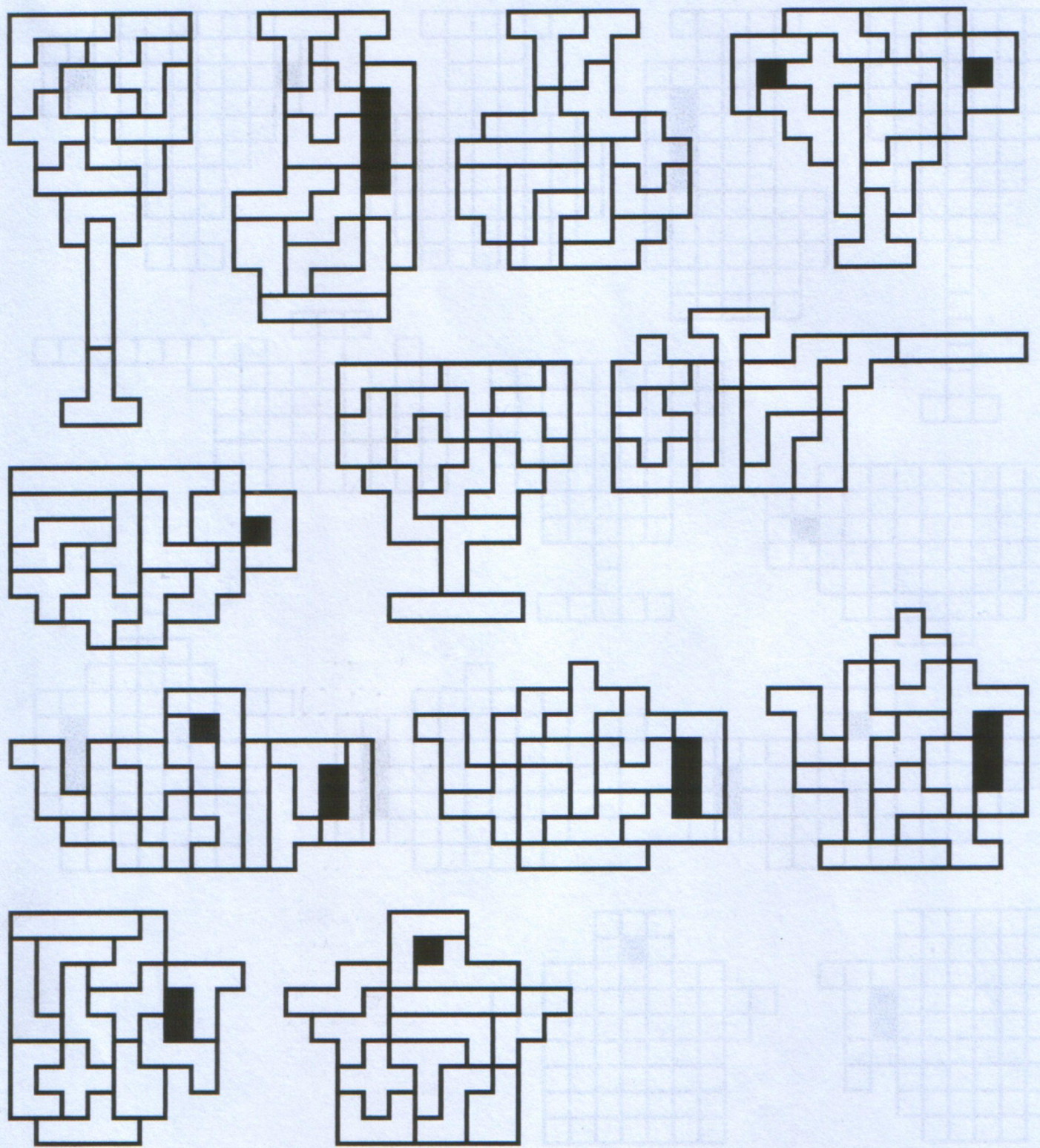


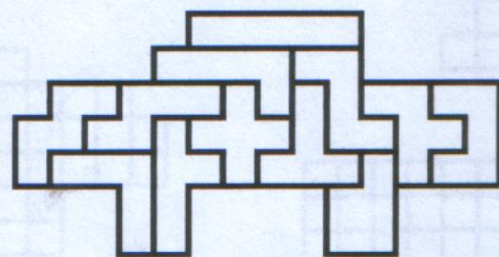
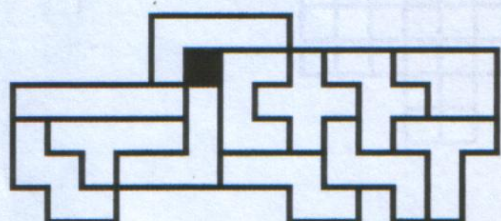
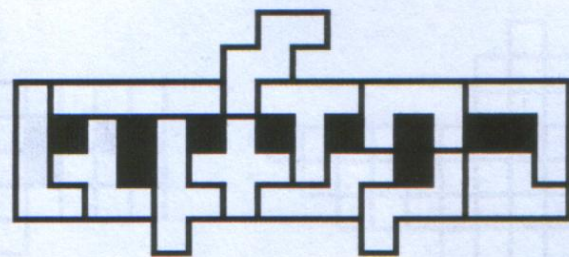
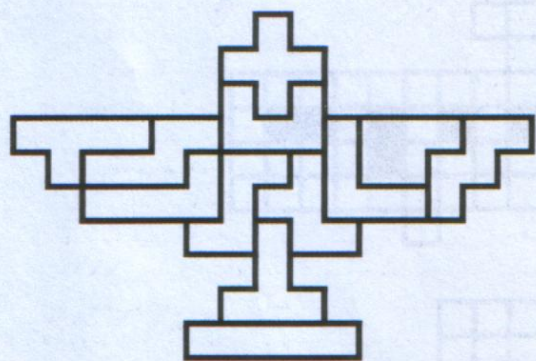
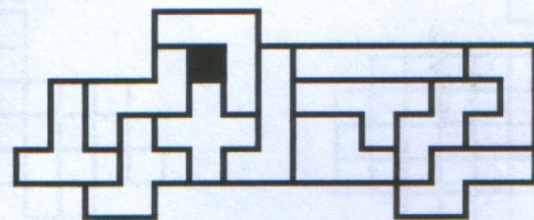
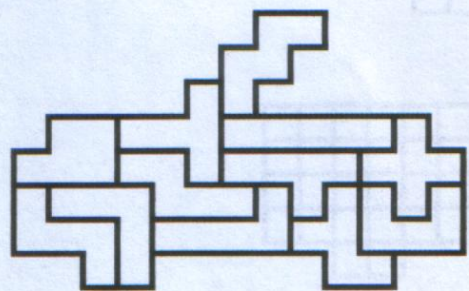
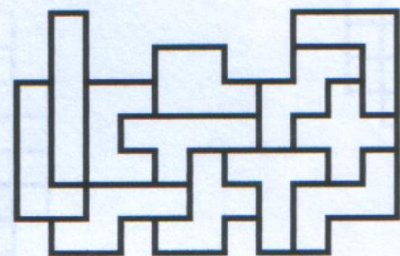
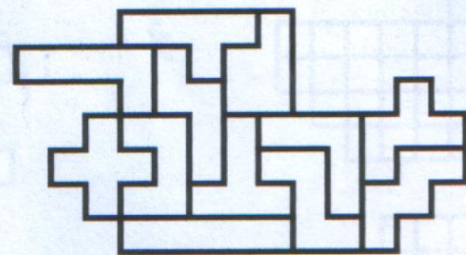
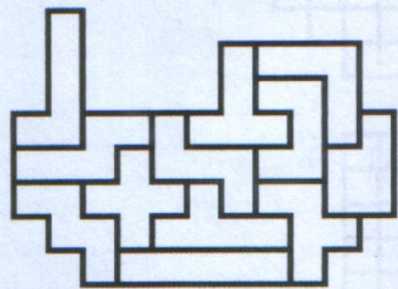
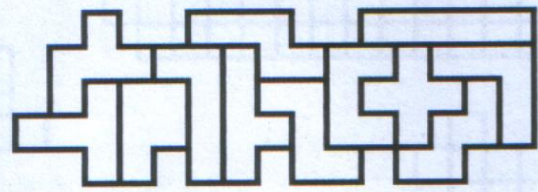
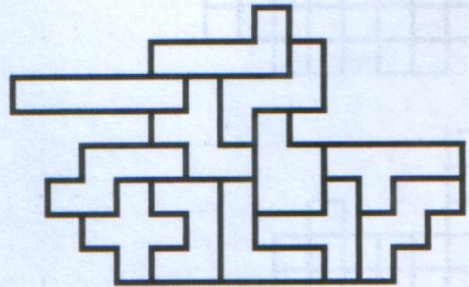
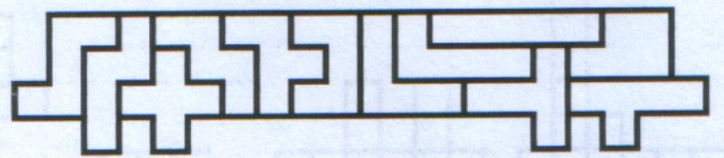
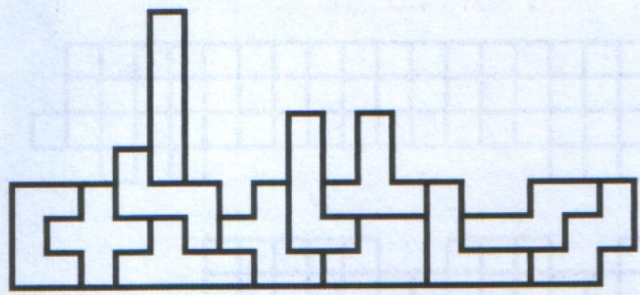


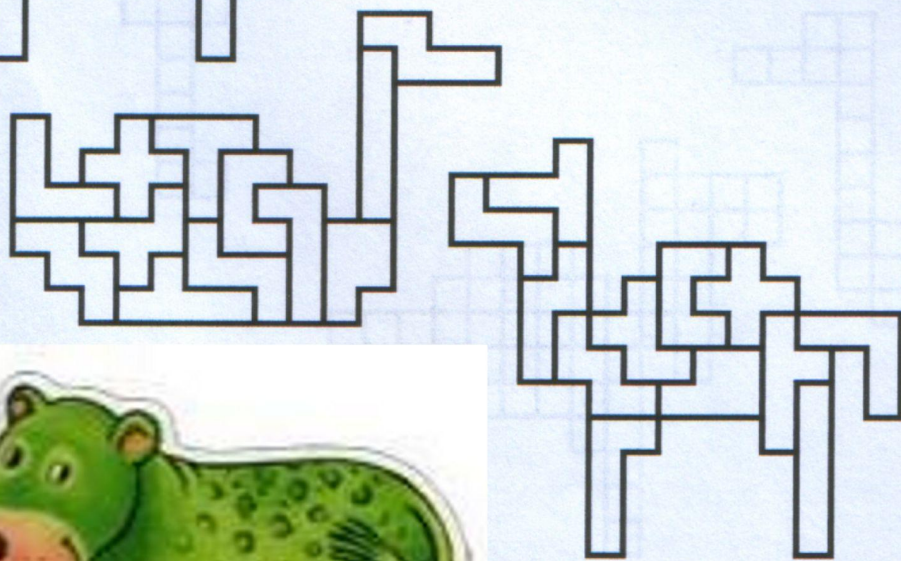
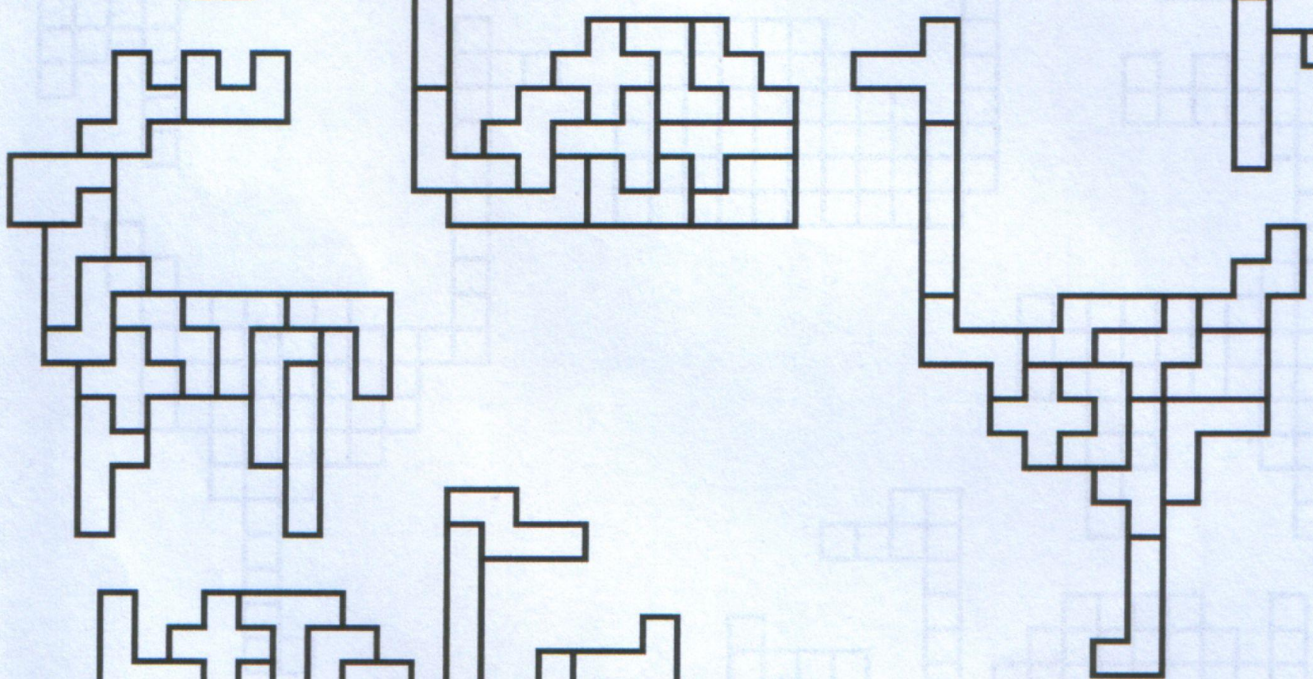
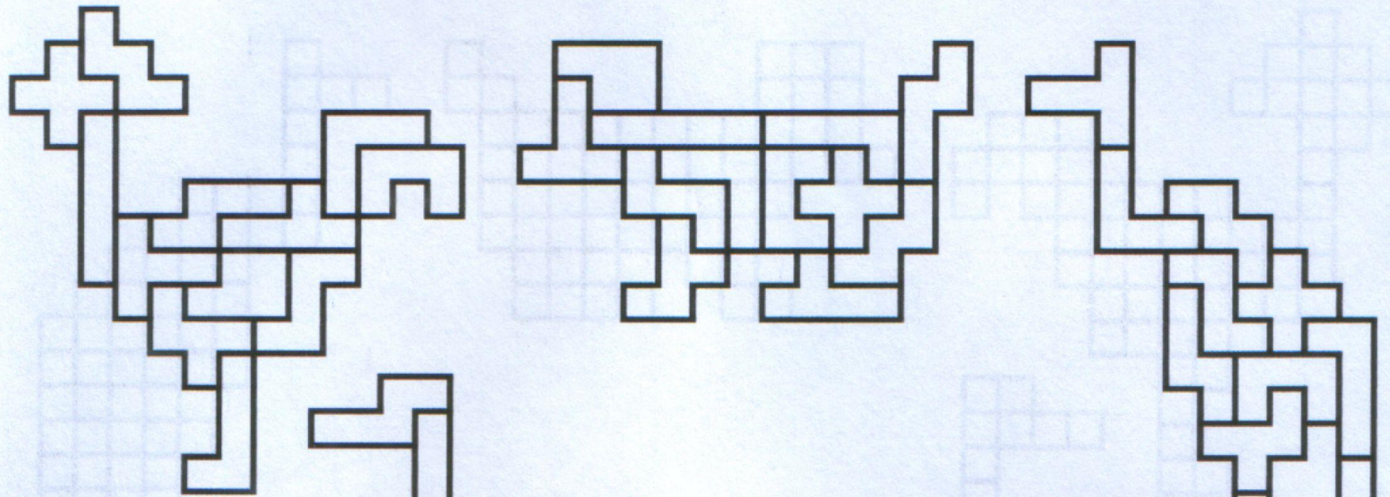
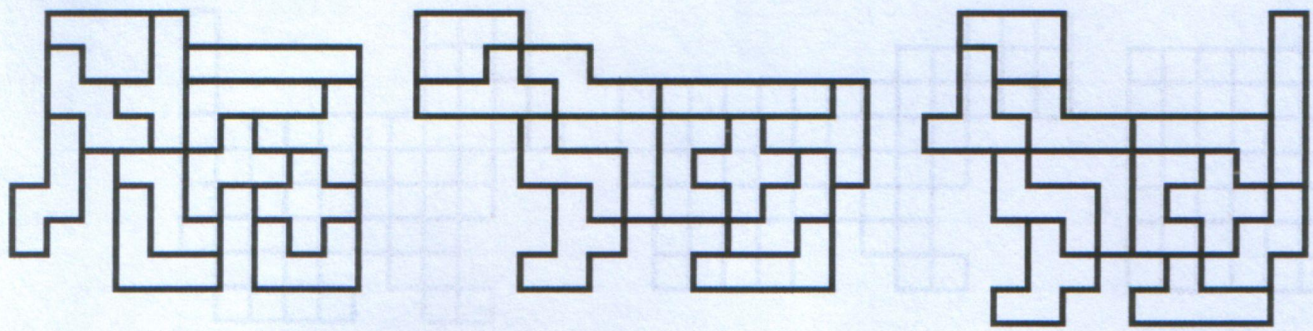


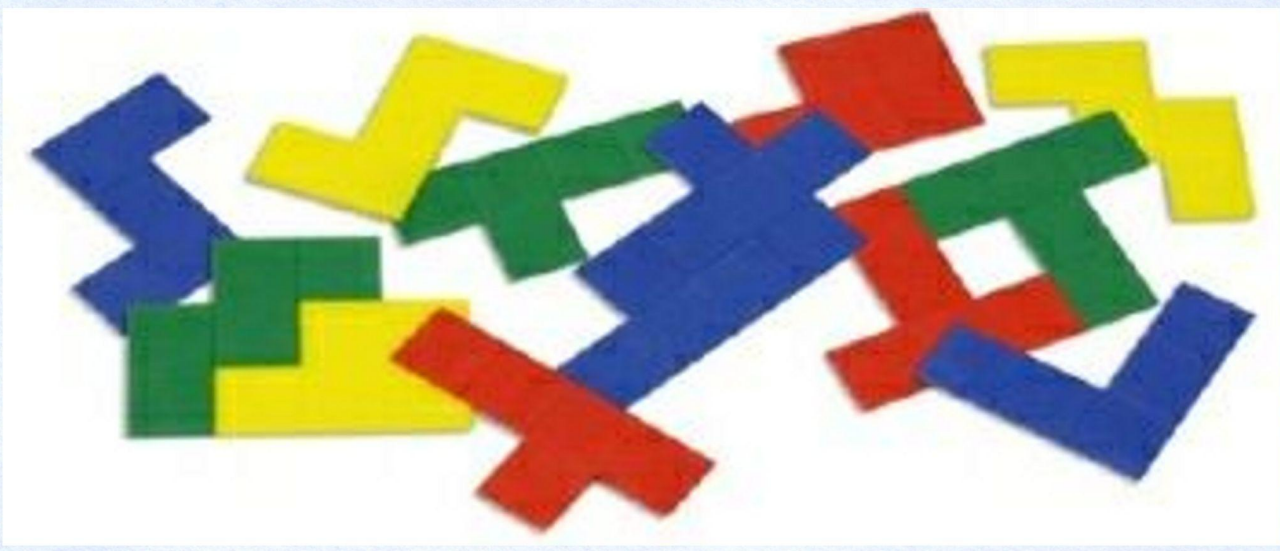
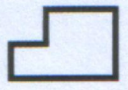
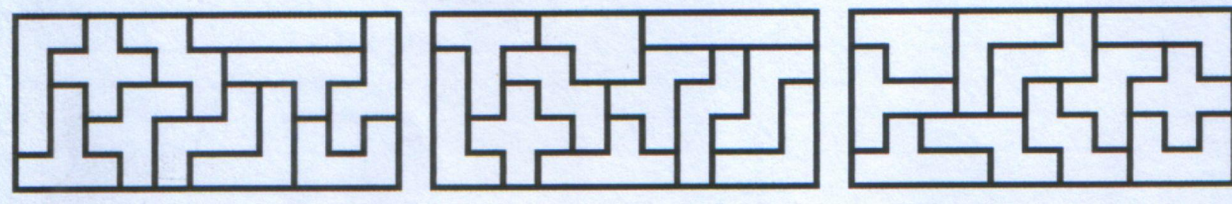
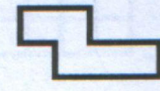
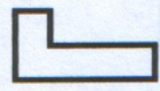
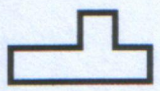
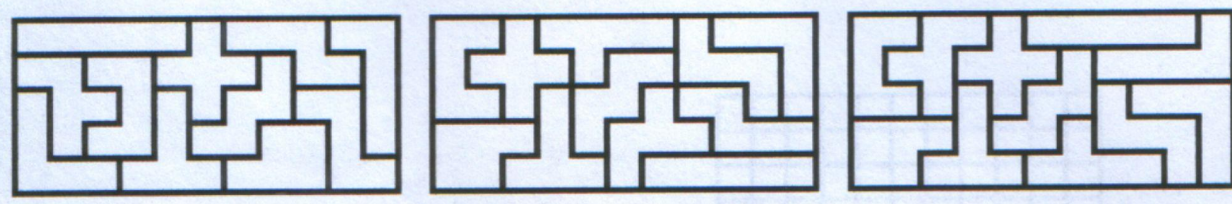
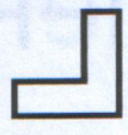
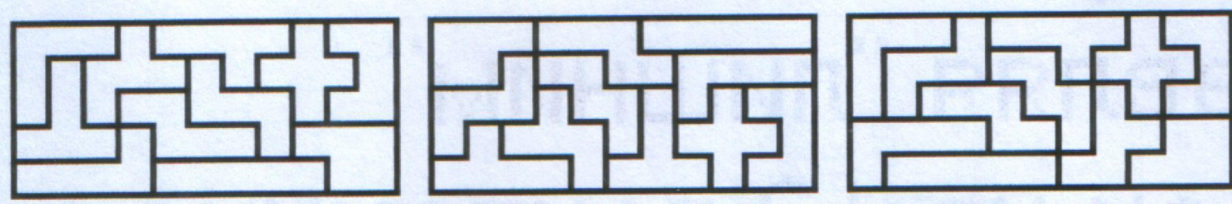
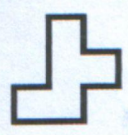
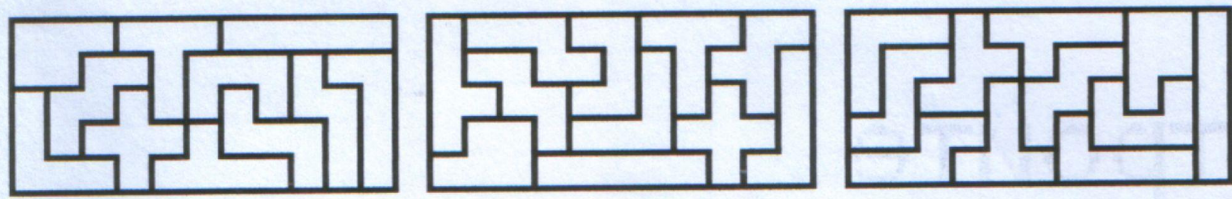


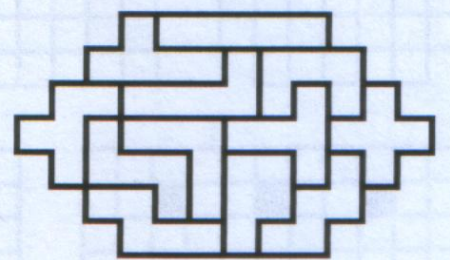
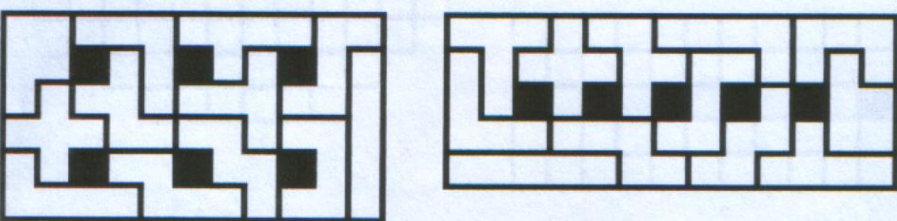
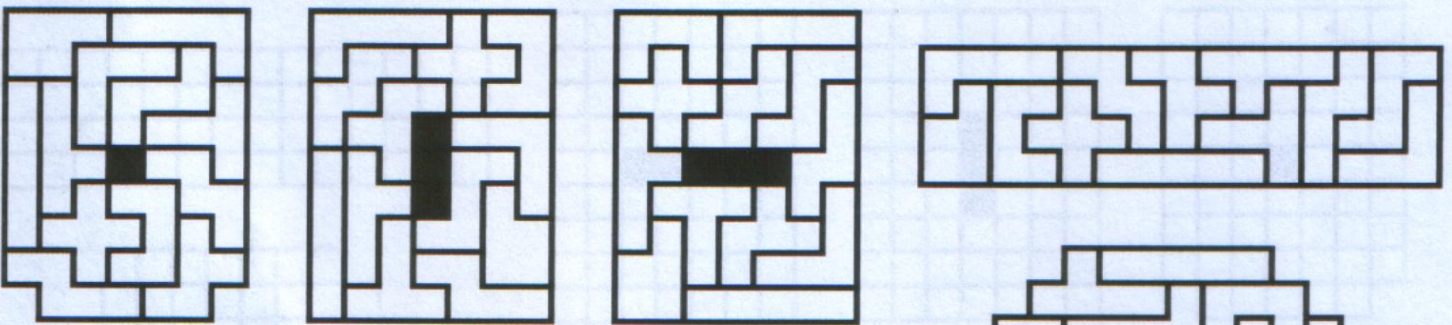
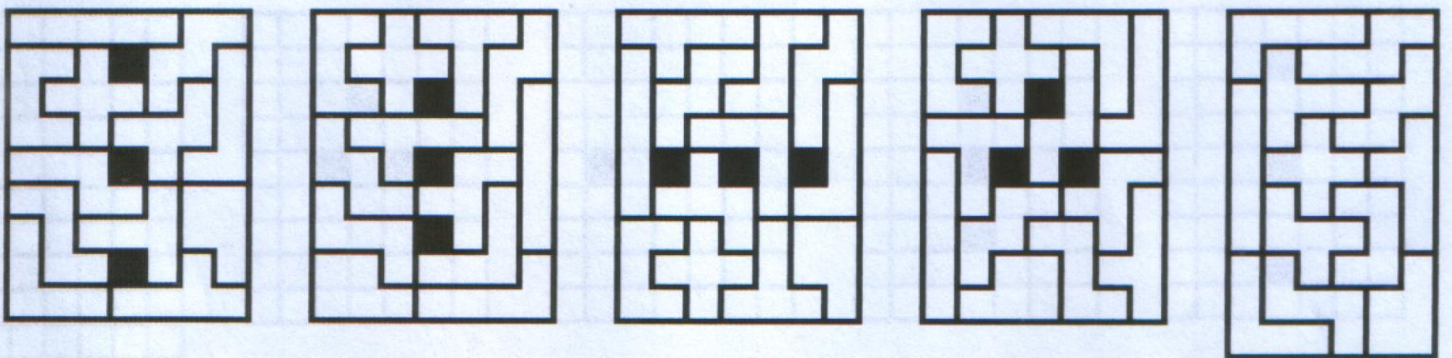
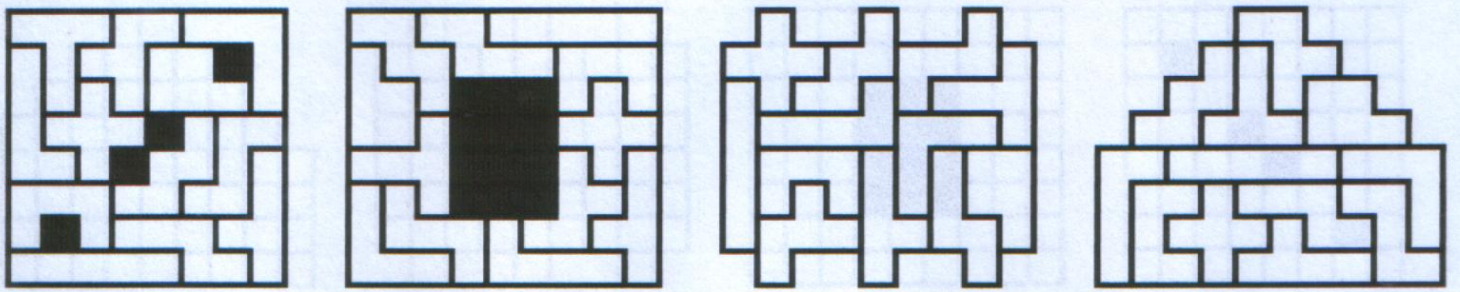
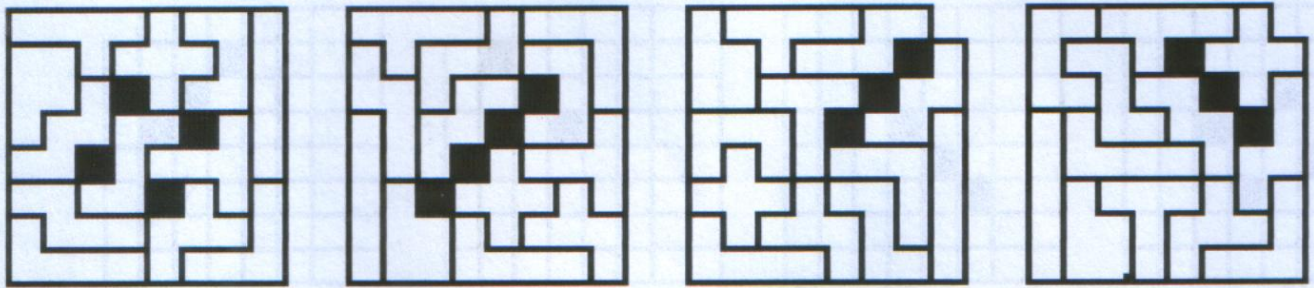
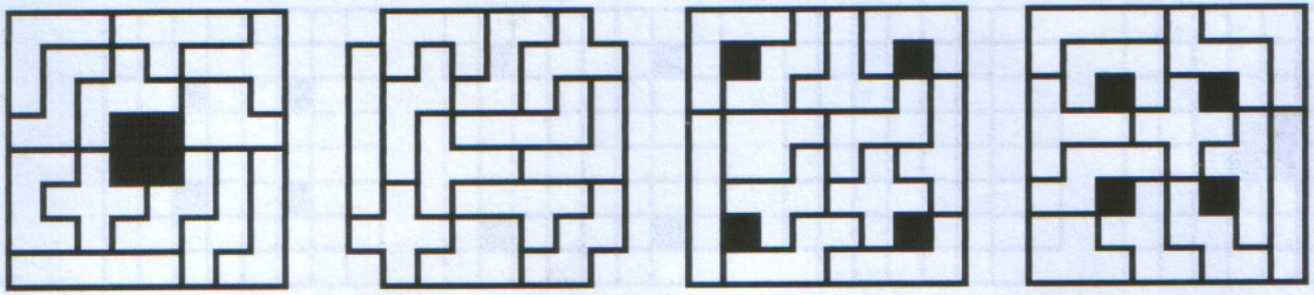


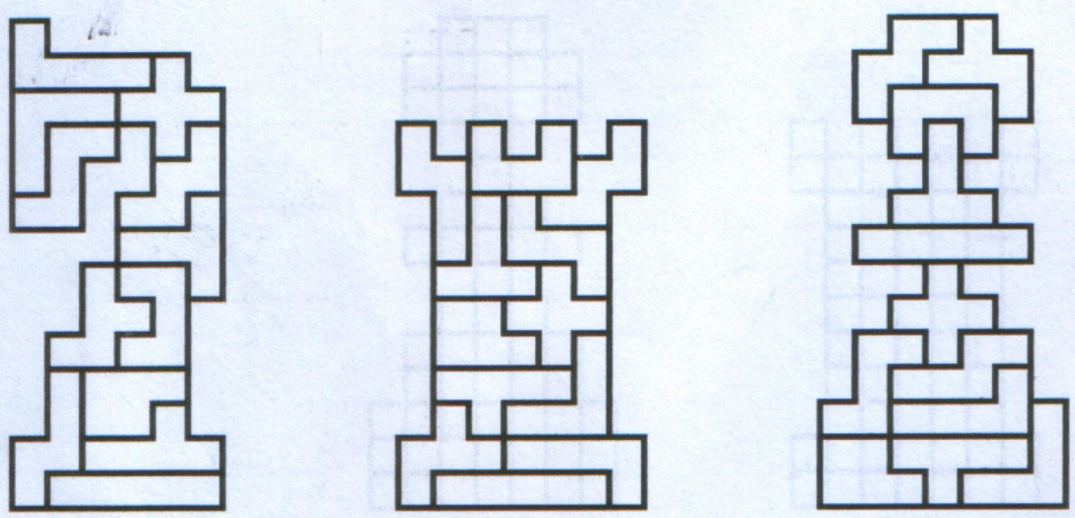
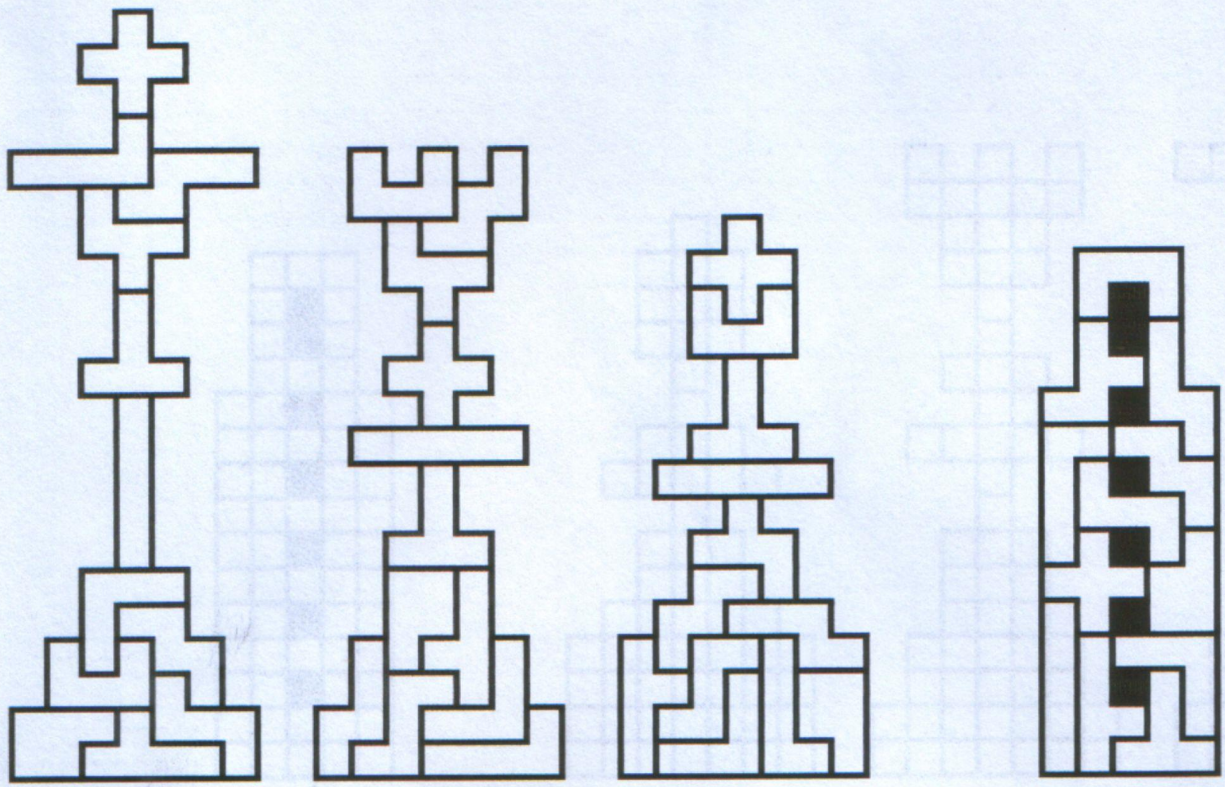


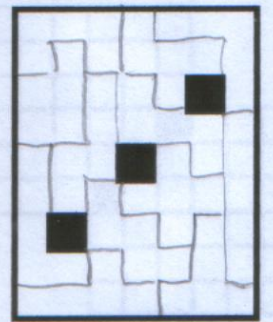
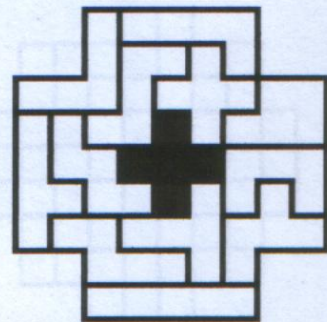
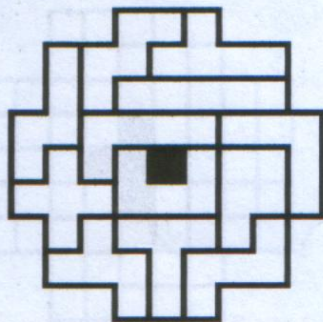
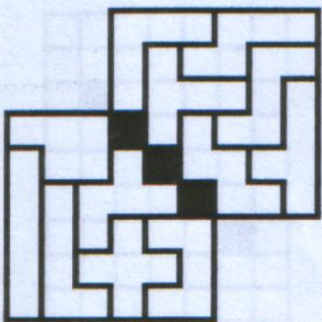
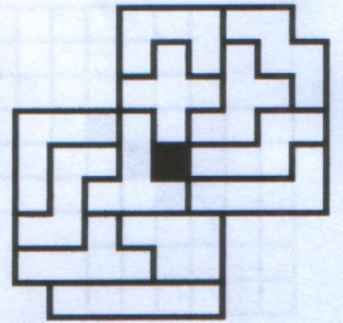
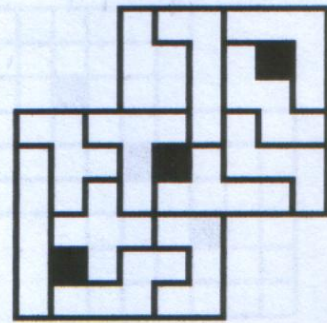
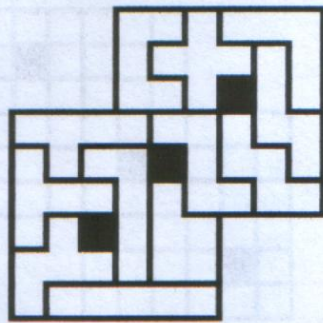
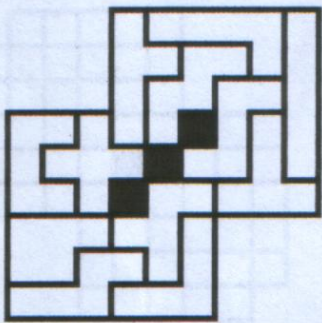
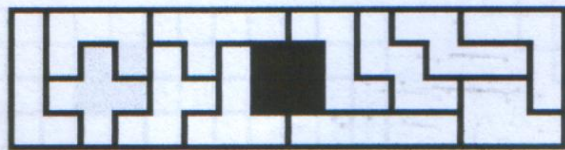
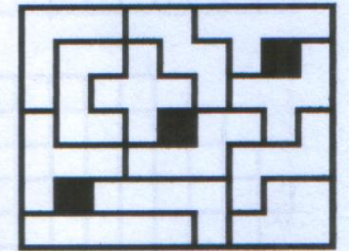
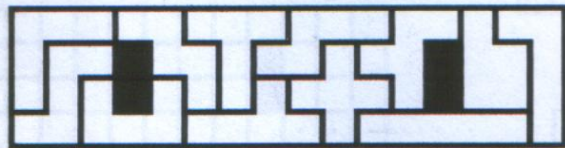
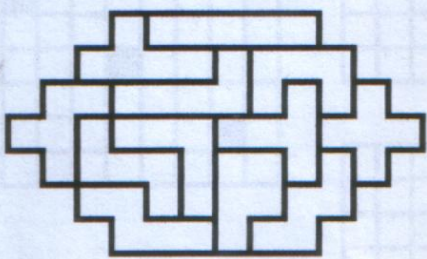
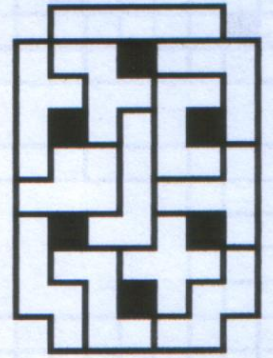
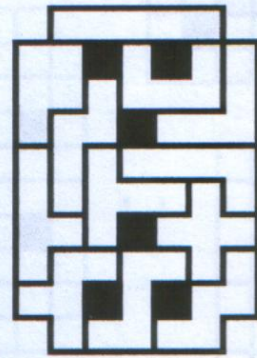
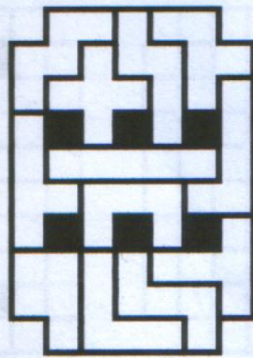
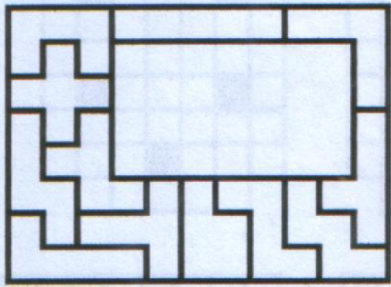
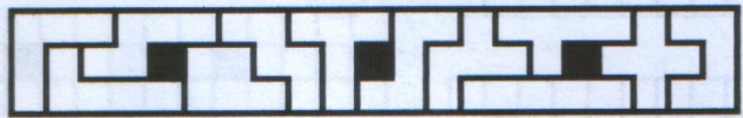
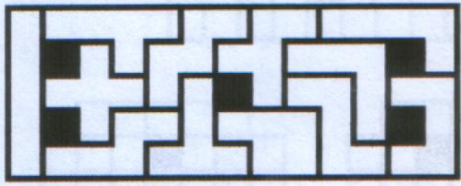
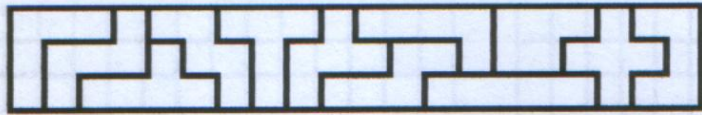
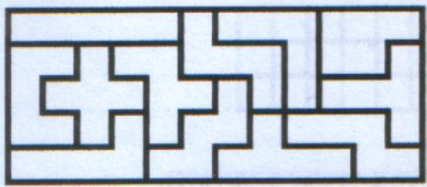


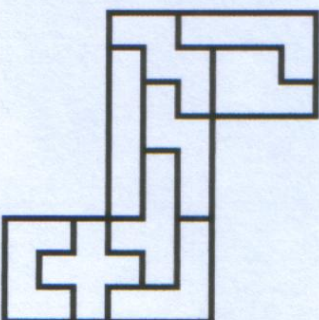
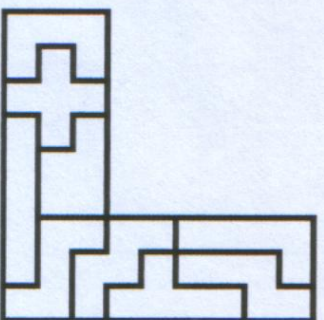
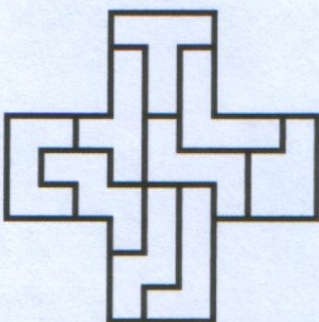
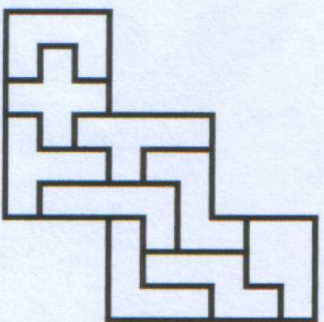
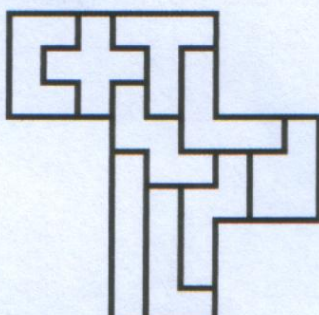
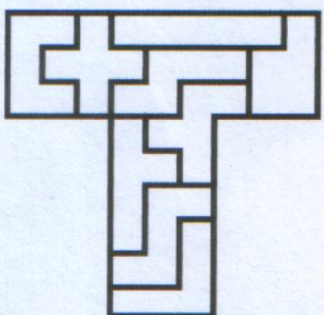
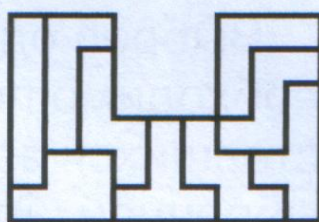
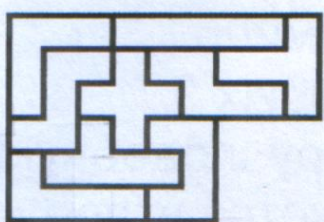
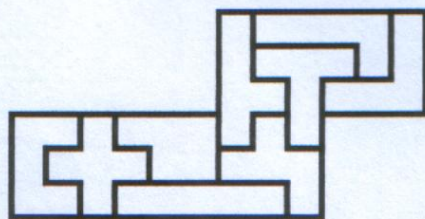
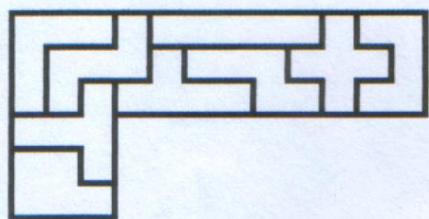
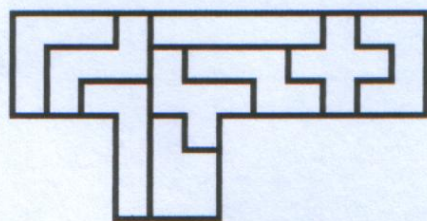
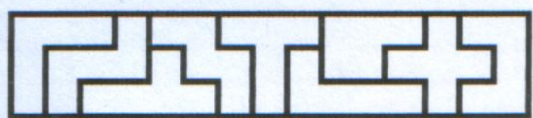


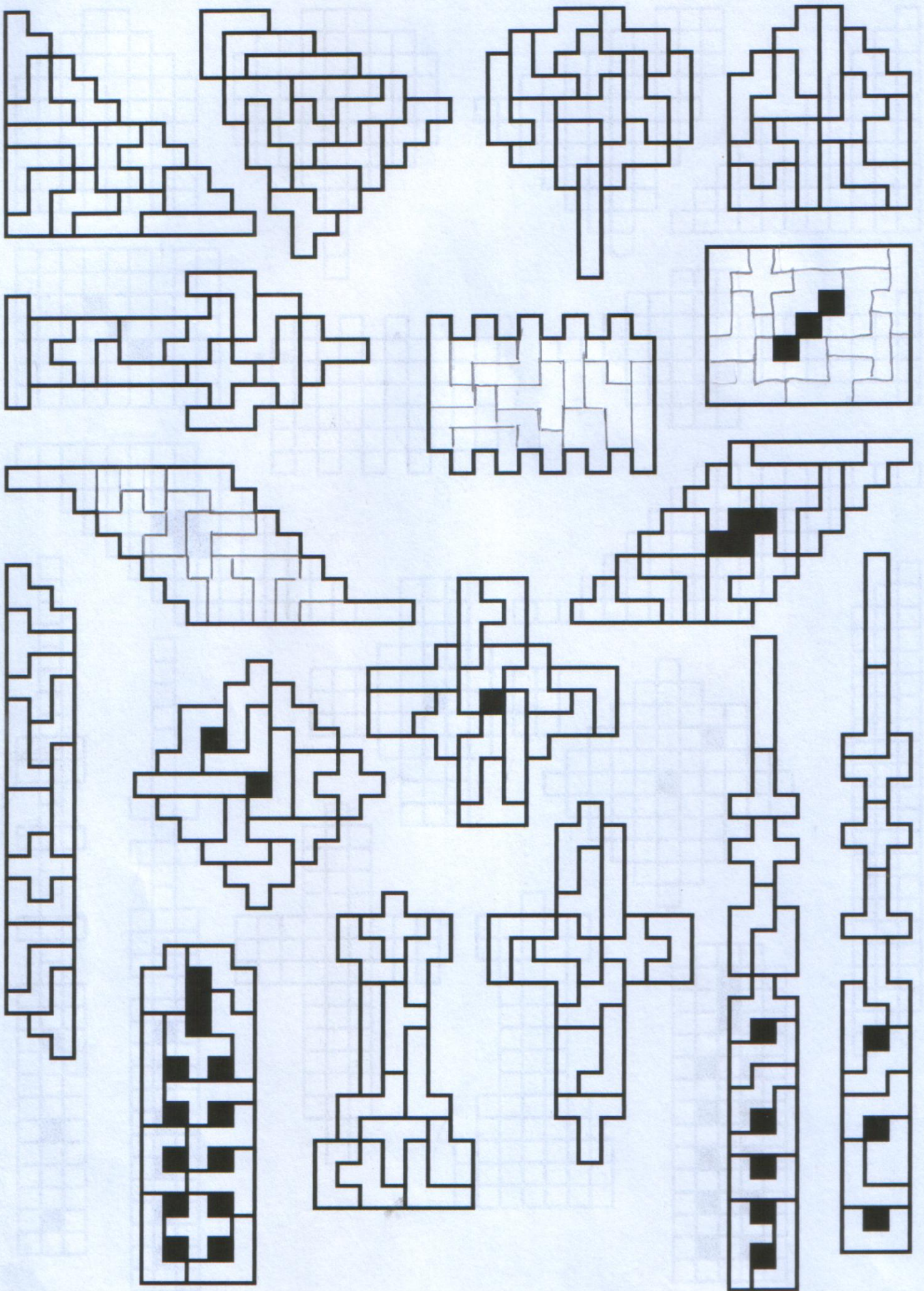


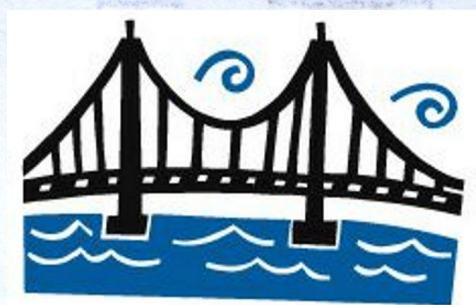
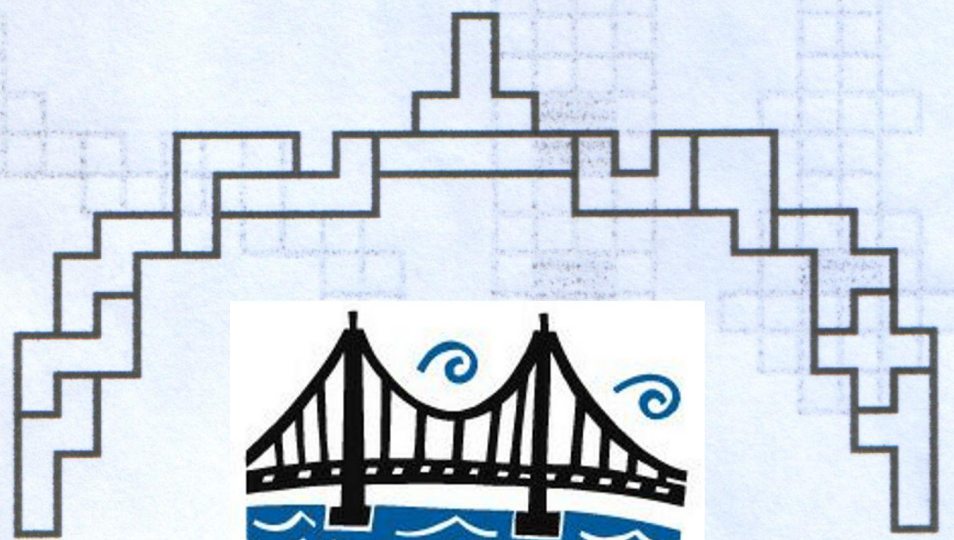
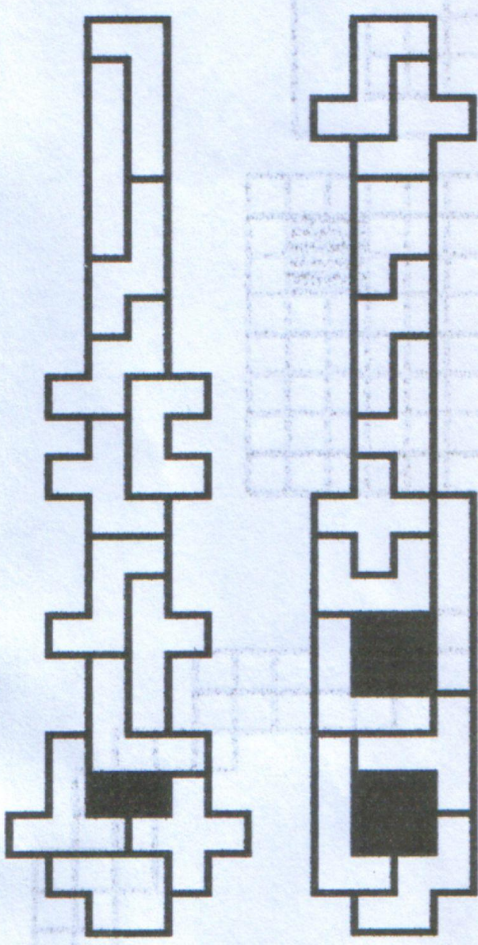
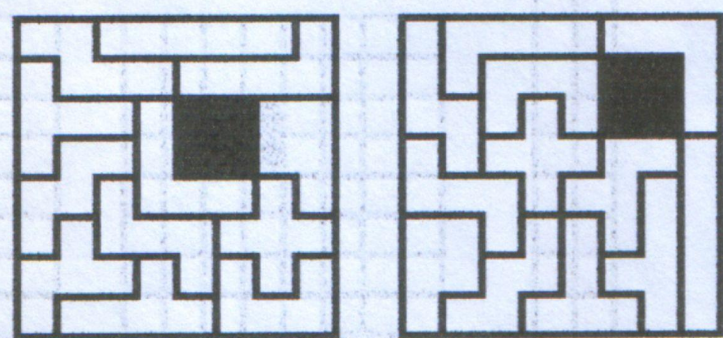
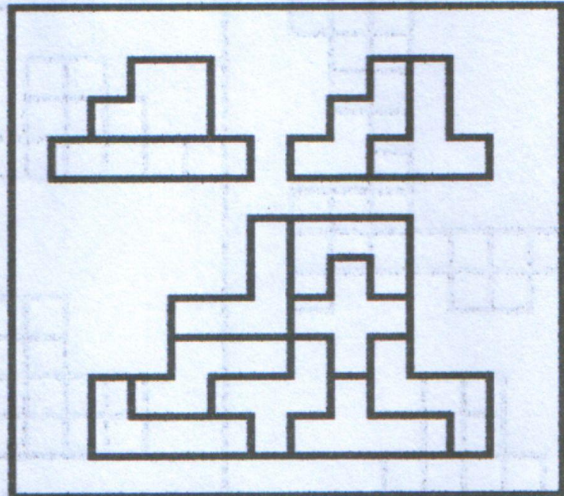
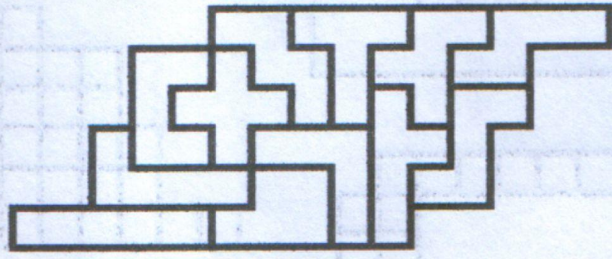
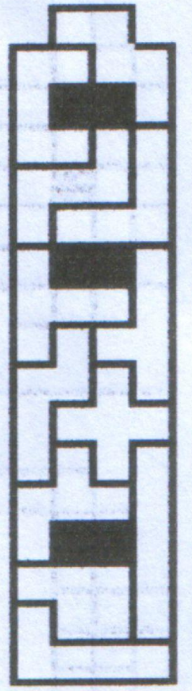
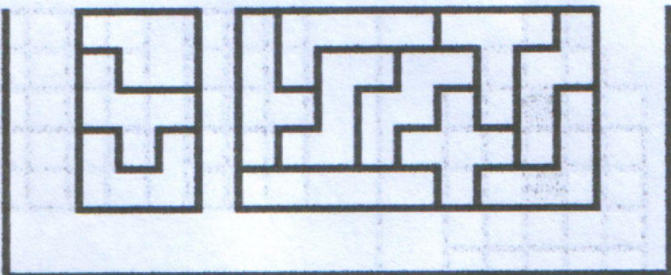
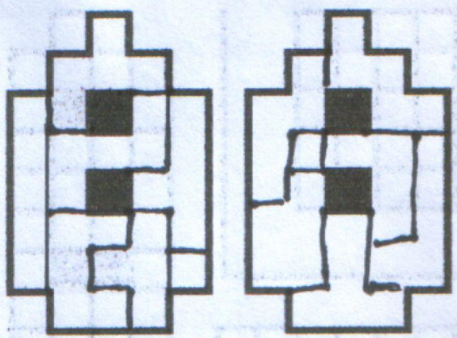


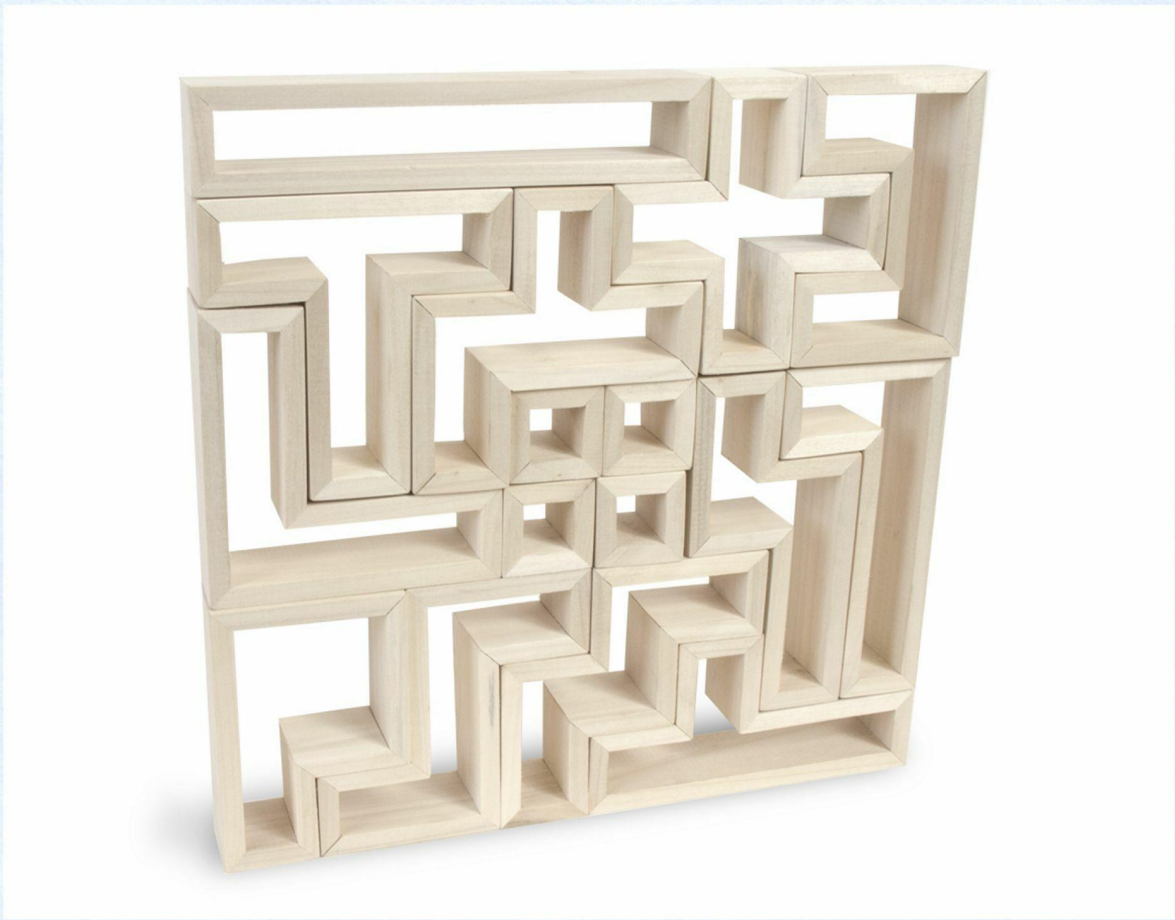
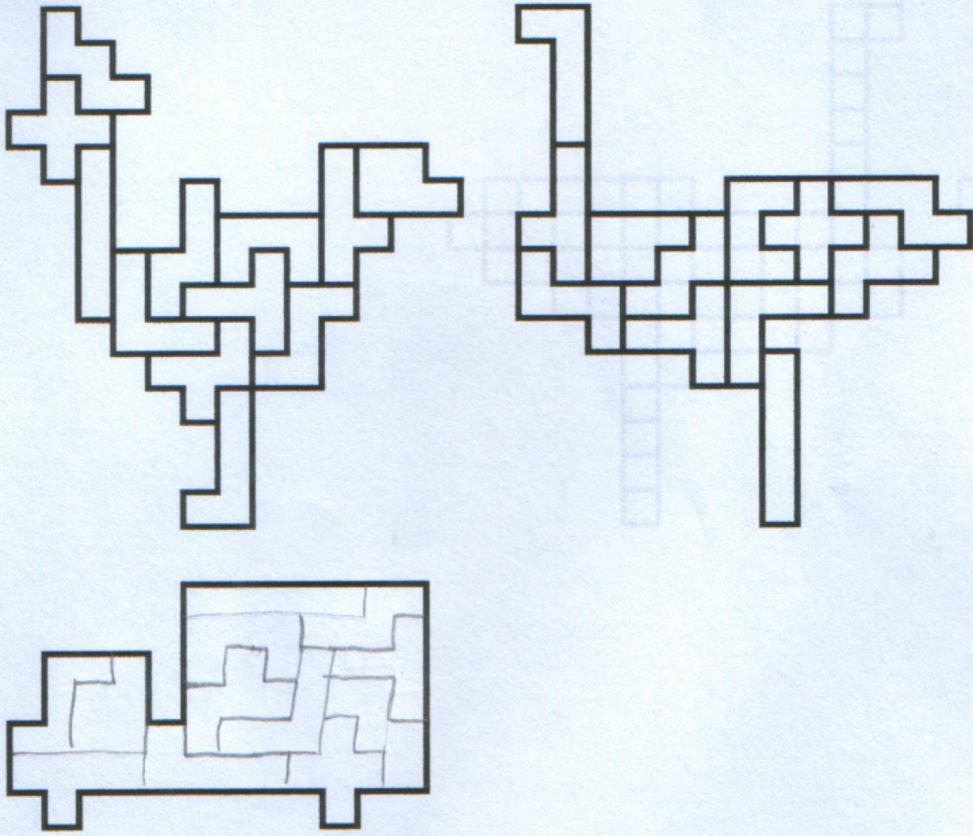












УДАЧИ!!!