

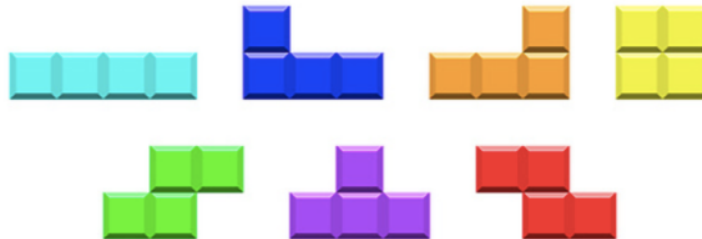
AMath Tea Time — Puzzle #11

13 October 2015

Problem

Problem #1: I have seven of each of the seven types of tetrominoes below. Can I arrange them to make a 28×7 rectangle?

Problem #2: Using only the first tetromino in the second row, what is the maximum number of this tetromino that you can place on an 8×8 board without overlapping? (This piece is called the *S*, *inverse skew*, or *right snake* tetromino.) What about using only the second tetromino in the second row? (This piece is called the *T* or *tetris* tetromino.)



Hints

If you have any puzzles to share then send them my way at cswiercz@uw.edu!