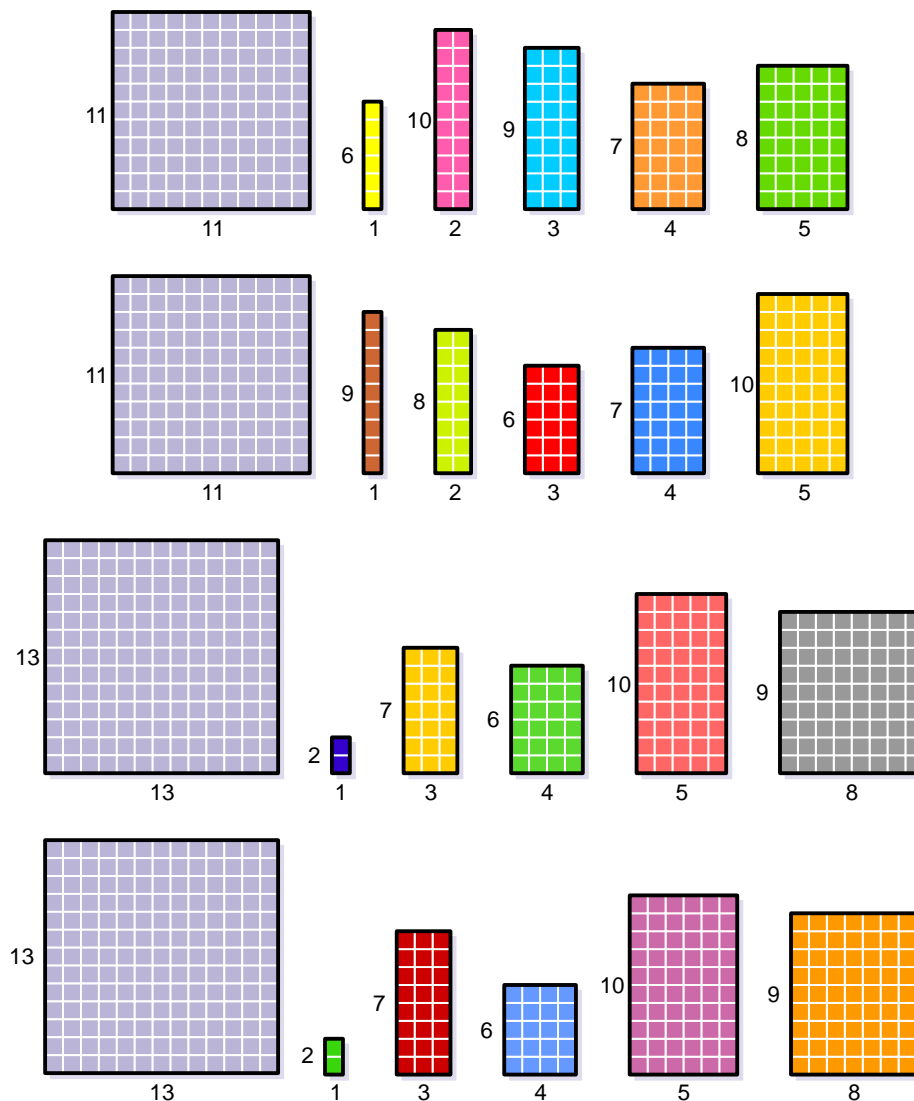


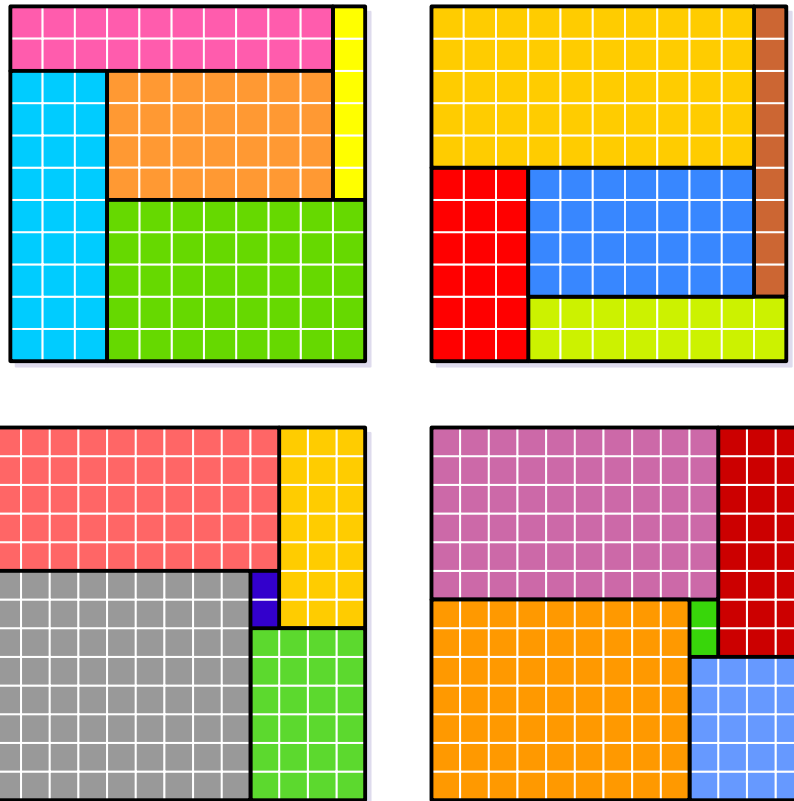
Consecutive Rectangle Squares

Home / Puzzles in Education / Hands On Puzzles / Grade 7-8 /



This interesting question crops up in recreational mathematics literature: Using each of the first consecutive integers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) once each to create the dimensions of five rectangles, how many combinations of those five rectangles can be assembled into a square? In each of these four cases, place the colored rectangles at right on the grid at left.

Consecutive Rectangle Squares [solution]



All four solutions are shown in the illustration.