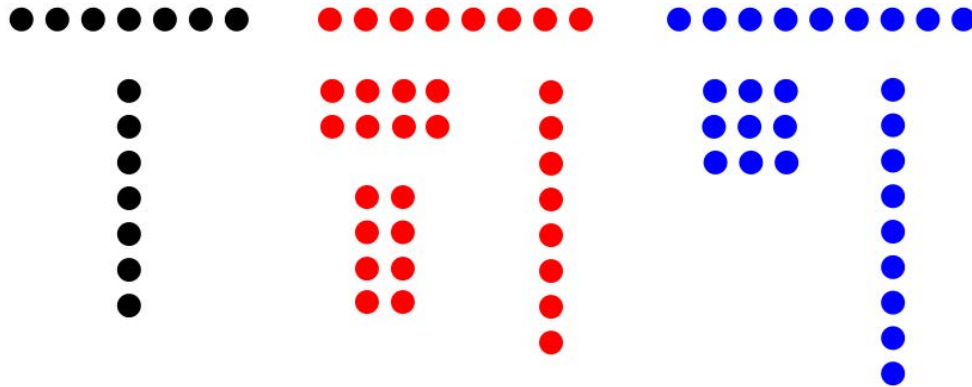


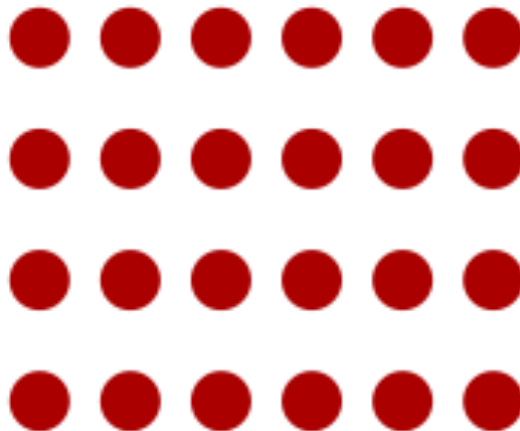
Puzzle of the Week

Rectangle Shapes

Here are all the rectangles that can be made with 7, 8, and 9 dots.



THE CHALLENGE: What are all the rectangles you can make with 23, 24, 25, 26, and 27 dots? How many different shapes of rectangles can you make with each of these sizes?



EXPLORATION: Which types of numbers have exactly two rectangles, both of which are flat? Which numbers have exactly three rectangles?