

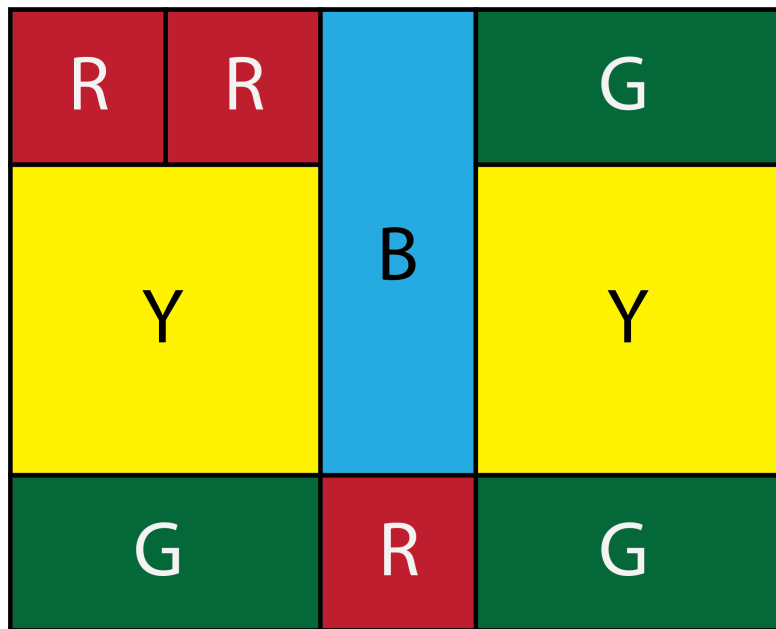


Problem of the Week

Problem A

Tricky Tiles

Arvin has red, yellow, green, and blue tiles. The red and yellow tiles are squares, and the green and blue tiles are rectangles. All tiles of the same colour have the same dimensions. Arvin places his tiles next to each other in order to create the following rectangle.



If Arvin wanted to use only red squares to make a rectangle with the same dimensions, how many red squares would he need?