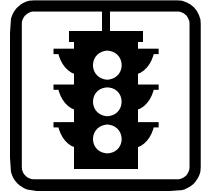


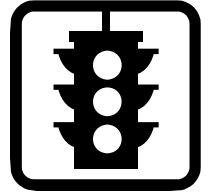
# How Many Different Stoplights Can Be Made?

Each stoplight must have a red, yellow and green block.



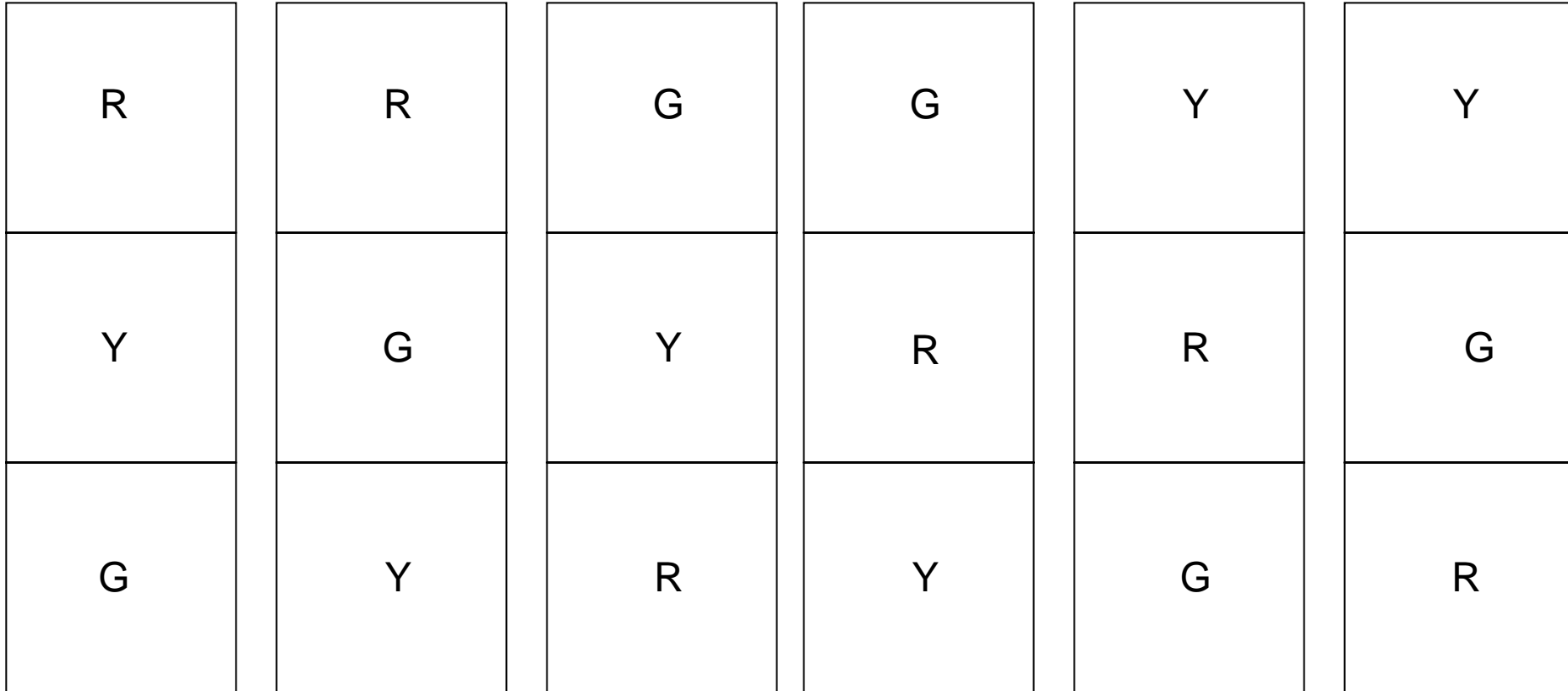
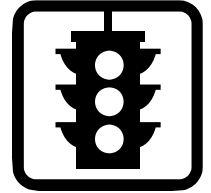

# How Many Different Stoplights Can Be Made?

Each stoplight must have a red, yellow and green block.




# How Many Different Stoplights Can Be Made?

Each stoplight must have a red, yellow and green block.



**ANSWER:** There are 6 different stoplights that can be made. An orderly way to count is to let each color be on top twice, and then switch the other two colors for a different combination.