

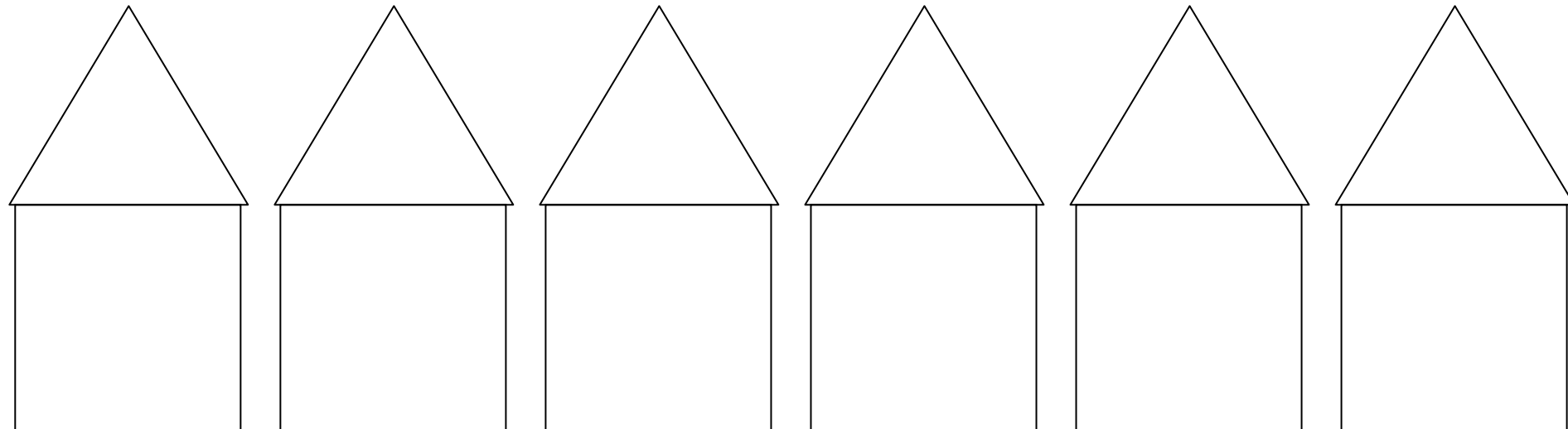
Houses in a Row



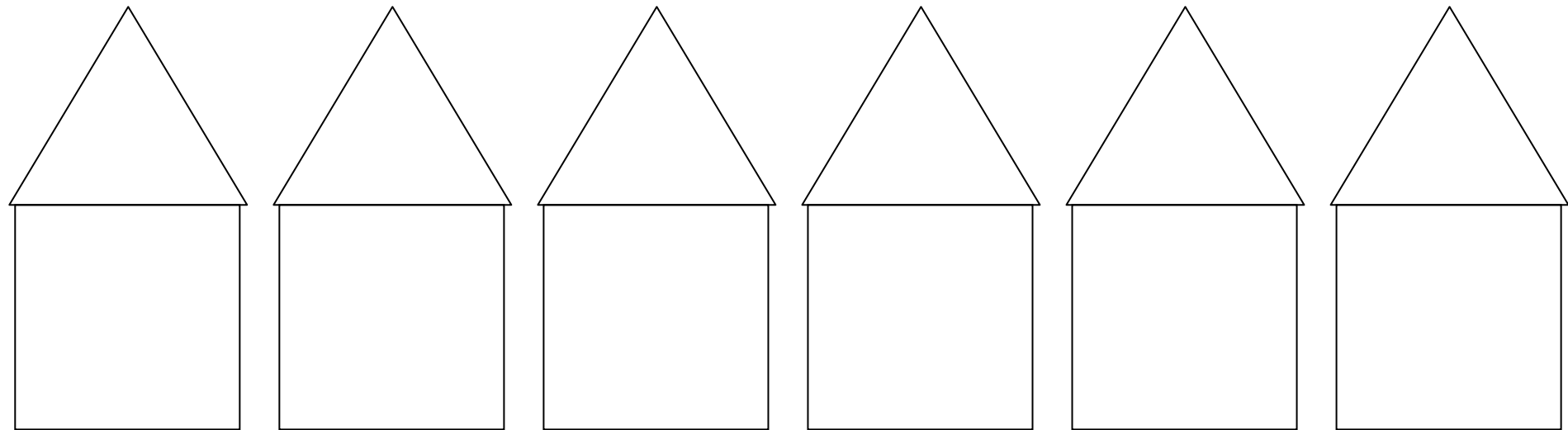
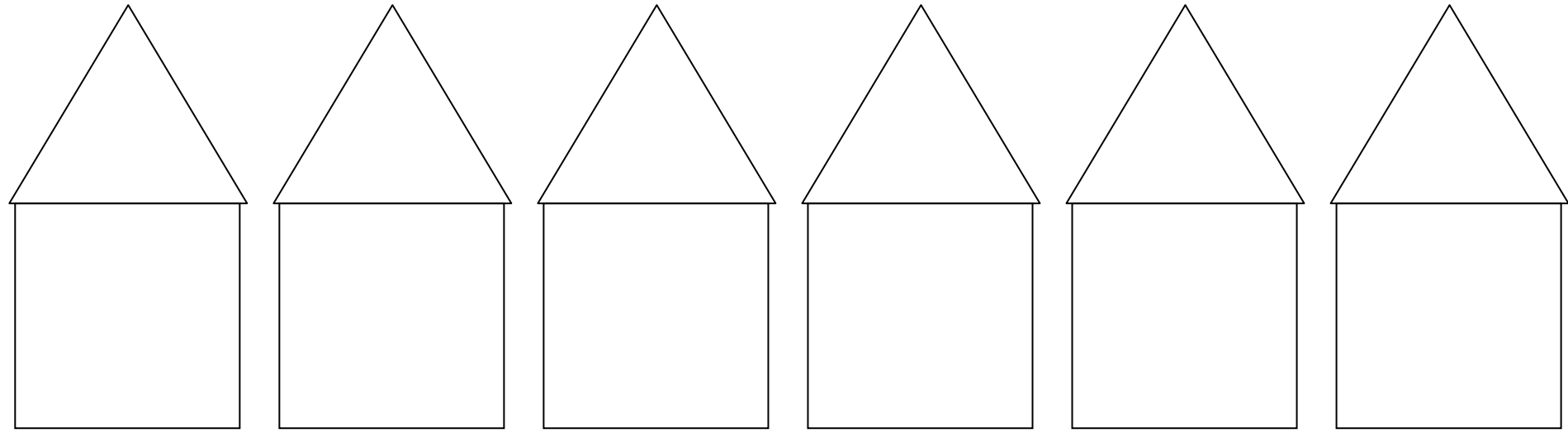
Neighbors on the block plan to paint their houses using the same colors but they do not want any house to be exactly the same as any other house. They may use:

- Blue, yellow or green for the triangle part
- Red, orange or purple for the square part.

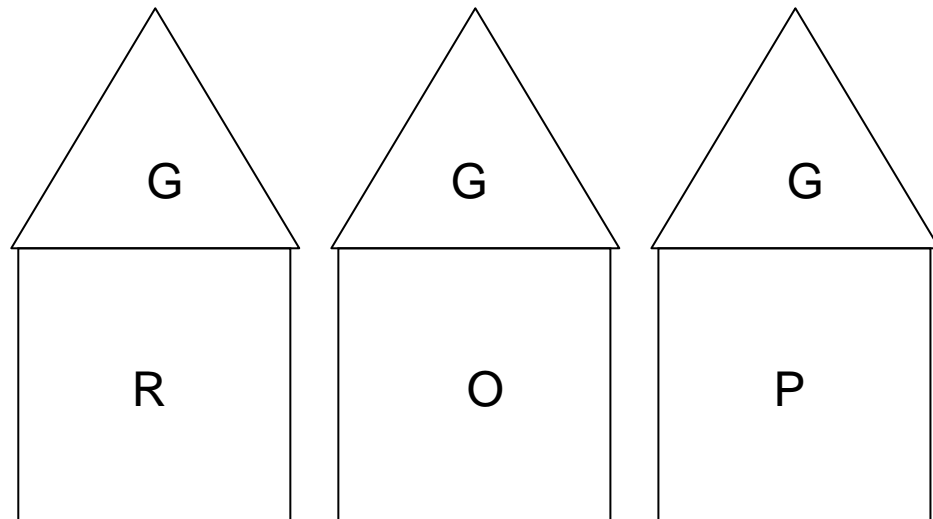
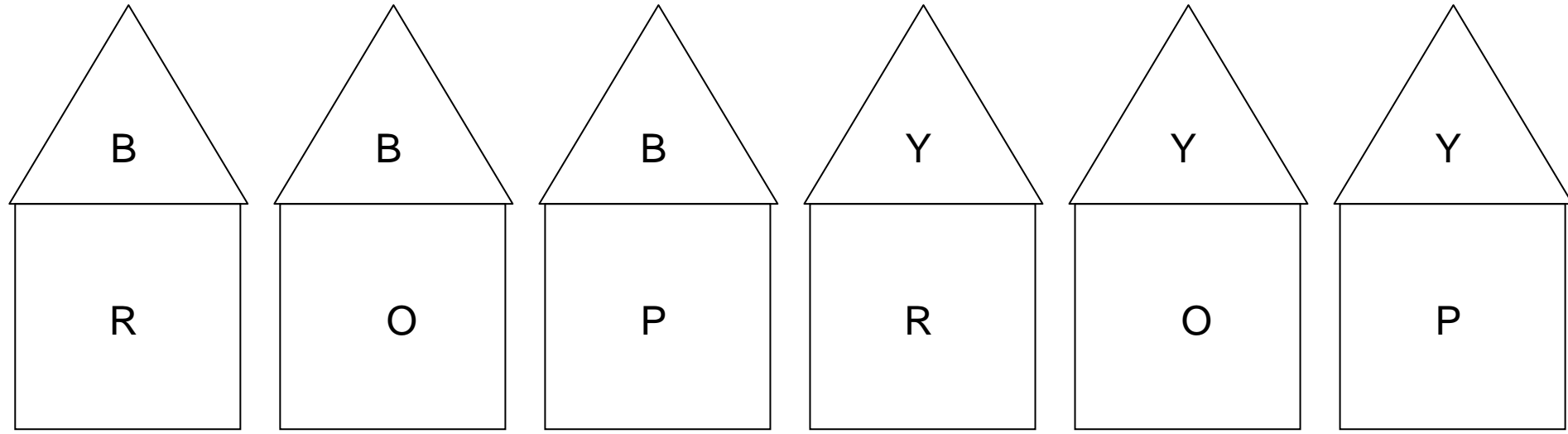
How many different houses can be painted?



Houses in a Row Worksheet



Houses in a Row Answer Key



Houses in a Row

ANSWER:

9 different houses can be painted using these colors.

There are 3 choices for the triangle part and 3 choices for the square part.

$3 \times 3 = 9$ different combinations

