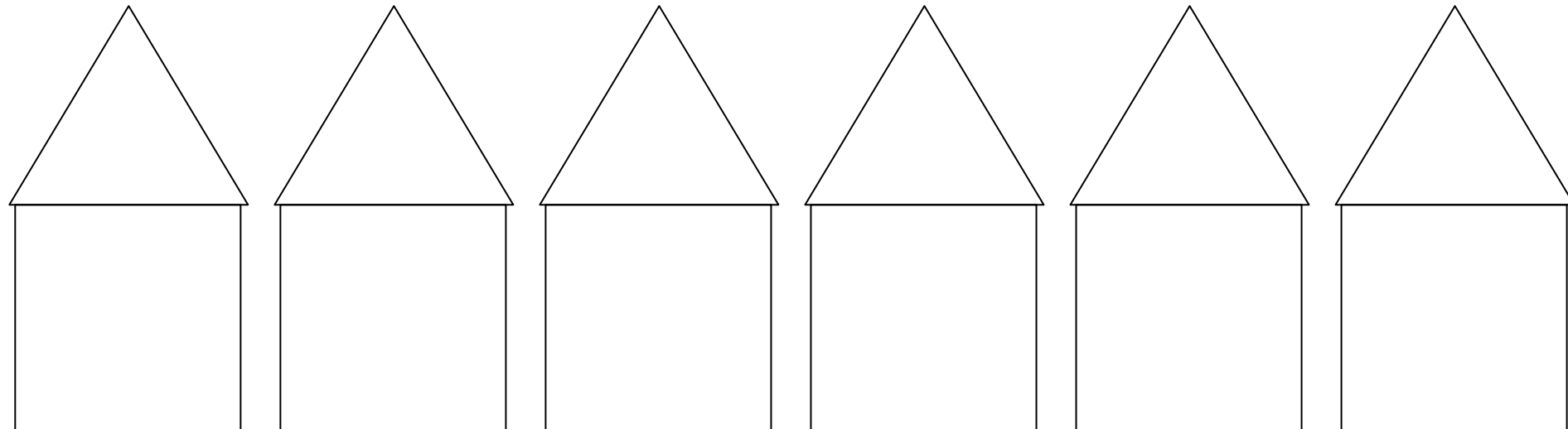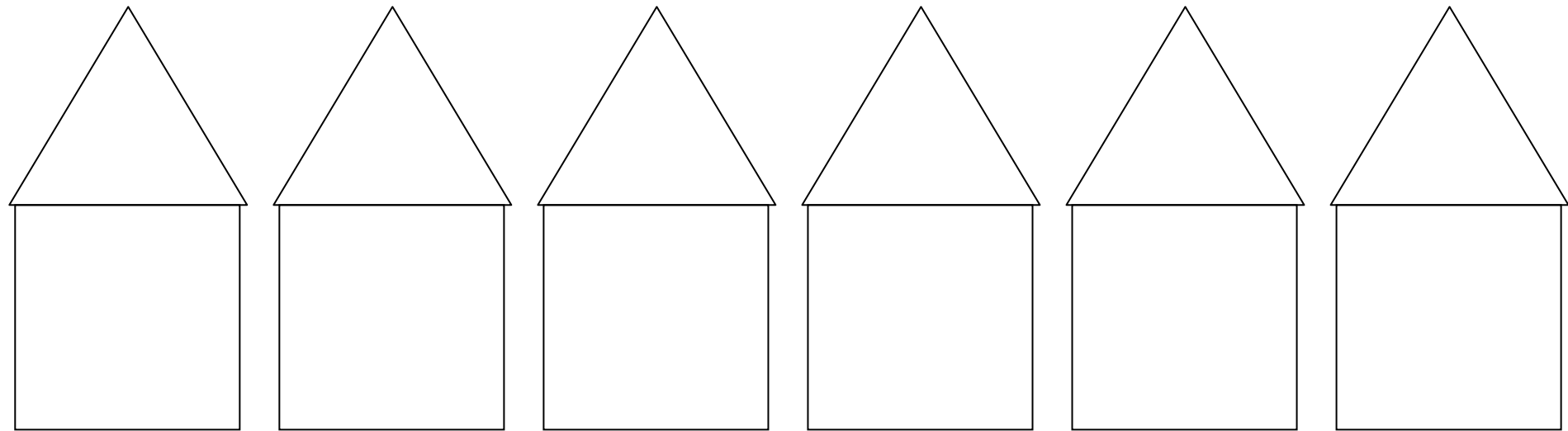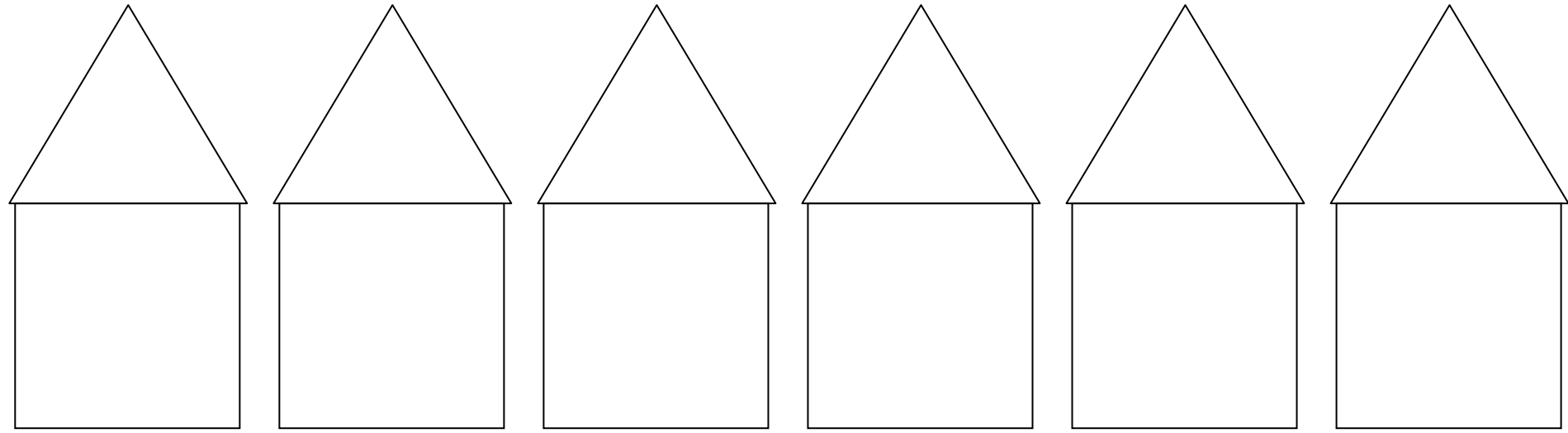# Houses in a Row

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

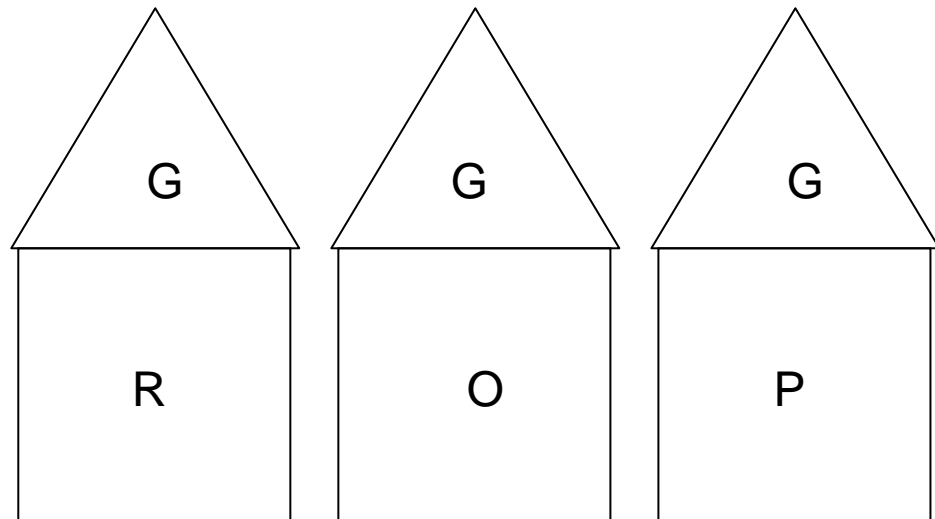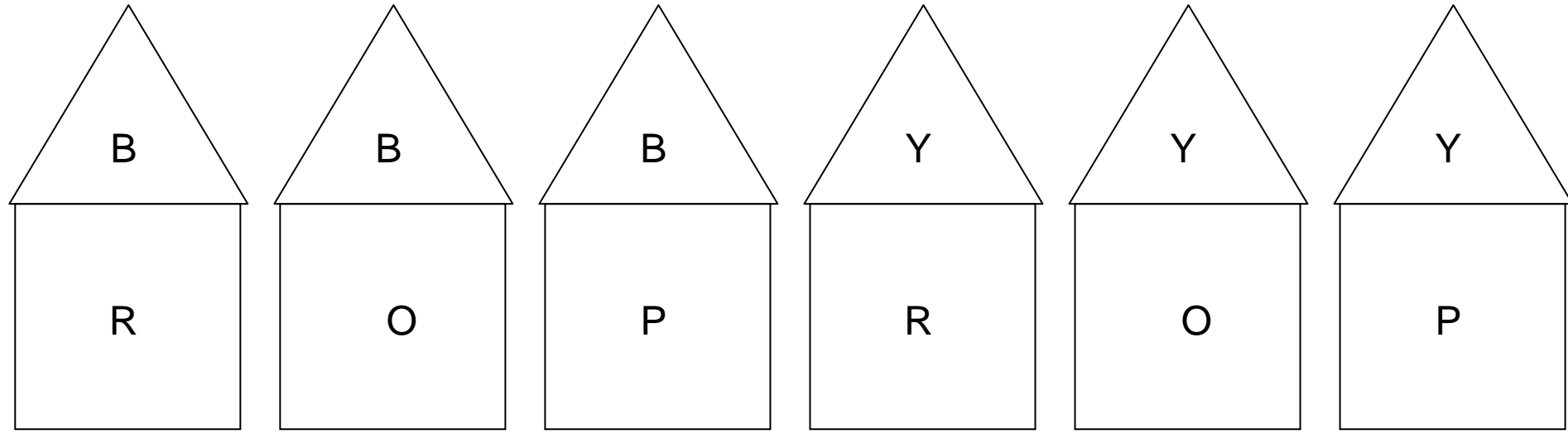• Red, orange or purple for the square part.

How many different houses can be painted?

Houses in a Row Worksheet

Houses in a Row Answer Key

B	B	B	Y	Y	Y
R	O	P	R	O	P

G	G	G
R	O	P

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 x 3 = 9 different combinations

3

3