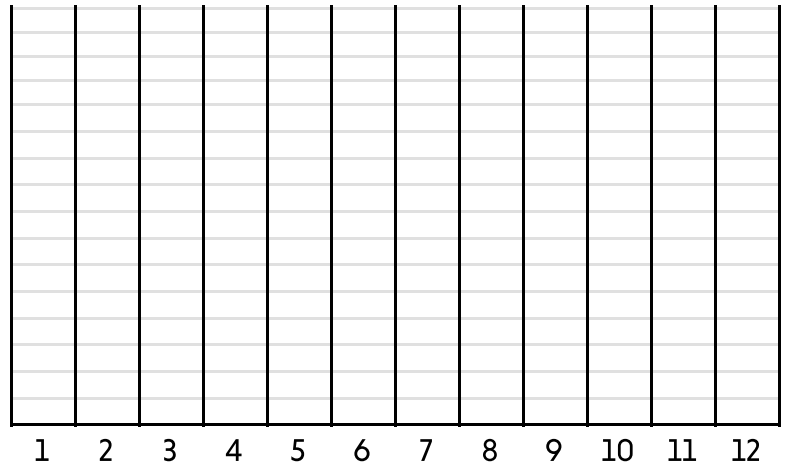# Double Dice

When you roll 1 dice, there is a 1 in 6 chance of each side coming up. What happens when you roll 2 dice and add the result?

Roll two dice and add the numbers together. For example, rolling a 2 and a 3 means getting a 5. Shade in the box above the number on the chart to the right.

Repeat this 50 times.

What numbers come up the most? What numbers come up the least? How would you describe the shape of the graph?

1 2 3 4 5 6 7 8 9 10 11 12

Advanced

On the table to the right, write down all possible results of adding two dice together. One is filled out for you.

What number(s) is the most likely?

What is the probability that the most likely number(s) come up?

What number(s) is the least likely?

What is the probability that the least likely number(s) come up?

+	•	••	•••	••••	•••••	••••••
•						
••			5			
•••						
••••						
•••••						
••••••						