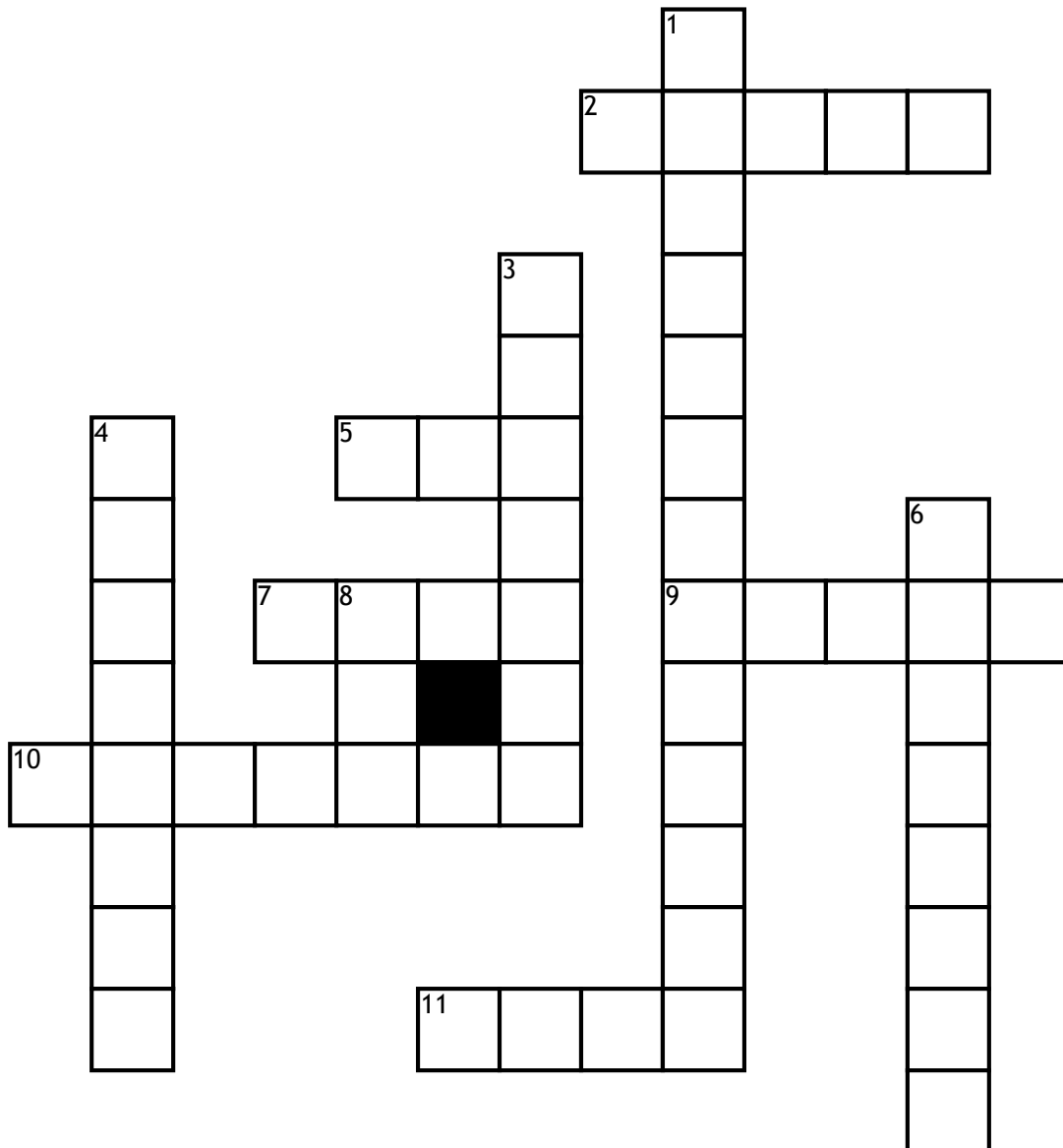# Lesson Starter

Across

2. You roll one die. What is the probability of obtaining a prime number? Express your answer as a percentage.

5. Six wolves catch six lambs in six minutes. How many wolves would be needed to catch 60 lambs in an hour?

7. 1/3 πr²h is the equation for the volume of a _____

9. What is the square root of 14400/225

10. A pizza costs £18 and a bottle of coke costs £2. How much would it cost in £ if there was a 25% discount for buying two items?

11. Find the value of v in the formula: t = s/v +5, if s = 15 , t = 8

Down

1. The locus of all points at a given distance from a single point could be called a _____.

3. Find the mean value of the following data set: 17, 25, 2, 21, 29 ,8, 36, 5, 11, 6

4. In the equation "y = mx + c", 'm' is the value of the _____.

6. Three days ago, yesterday was the day before Sunday. What day will it be tomorrow?

8. What is the highest common factor of 5 and 18?