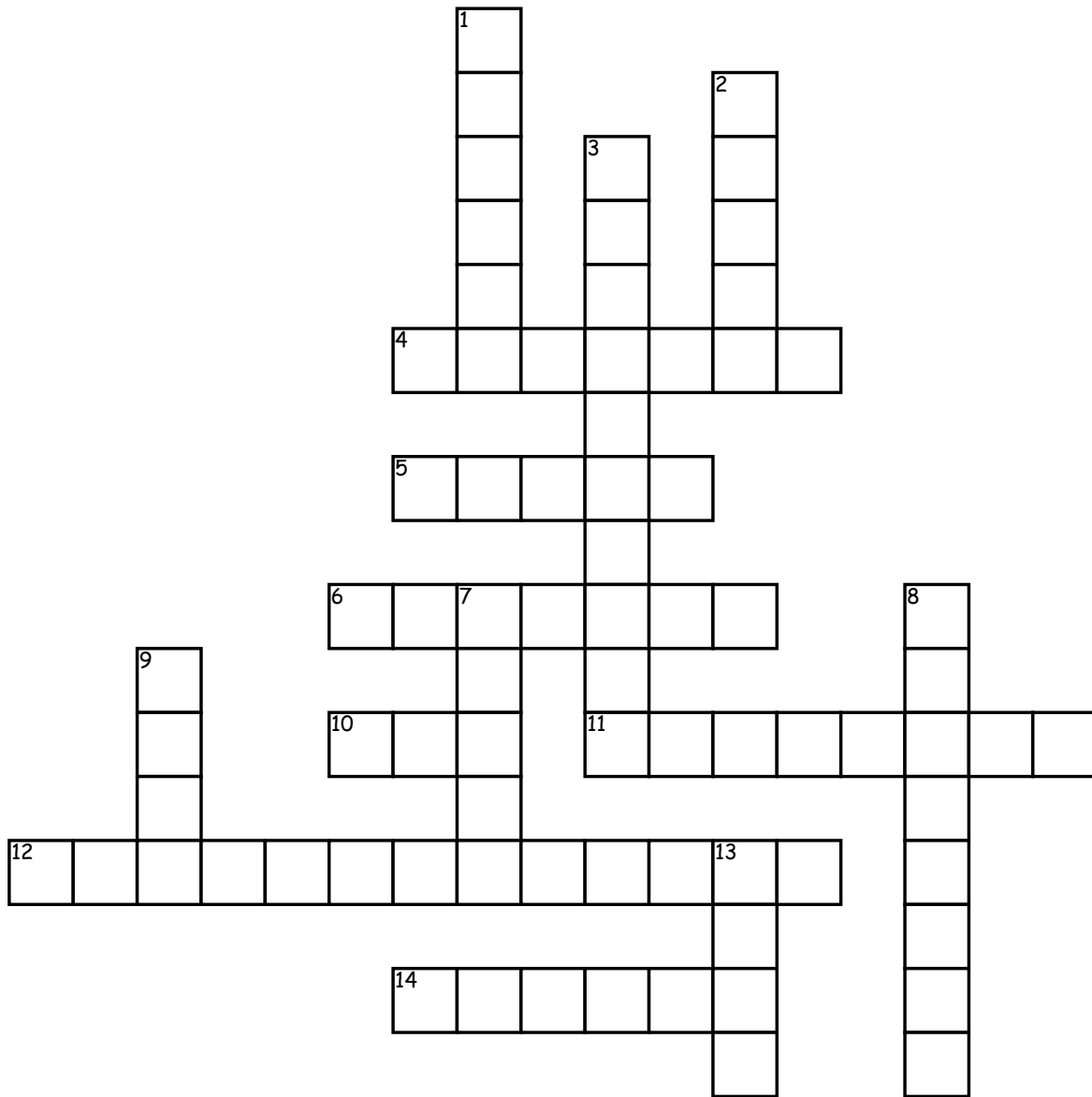


Name: \_\_\_\_\_

# The Pythagorean Theorem



## Across

4.  $a^2 + b^2 = c^2$  is the formula for the Pythagorean \_\_\_\_\_

5. A triangle has three angles and three \_\_\_\_\_

6. The \_\_\_\_\_ for the side of a triangle is  $a^2 + b^2 + c^2$

10. One of the sides in a right triangle is called a \_\_\_\_\_

11. In the \_\_\_\_\_  $2x + 1 = 7$ , what is  $x$ ?

12. Pythagoras was a Greek \_\_\_\_\_

14. It looks like a rectangle, but the sides are equally long

## Down

1. The measure of how long something is

2. A right triangle has a 90 degree \_\_\_\_\_

3. The longest side in a right-angled triangle is called a \_\_\_\_\_

7. An angle of 90 degrees is a \_\_\_\_\_ angle

8. A shape with three angles and three sides

9. The square \_\_\_\_\_ of 256 is 16

13. The formula for calculating the \_\_\_\_\_ of a square is  $A = \text{Length} \times \text{Length}$