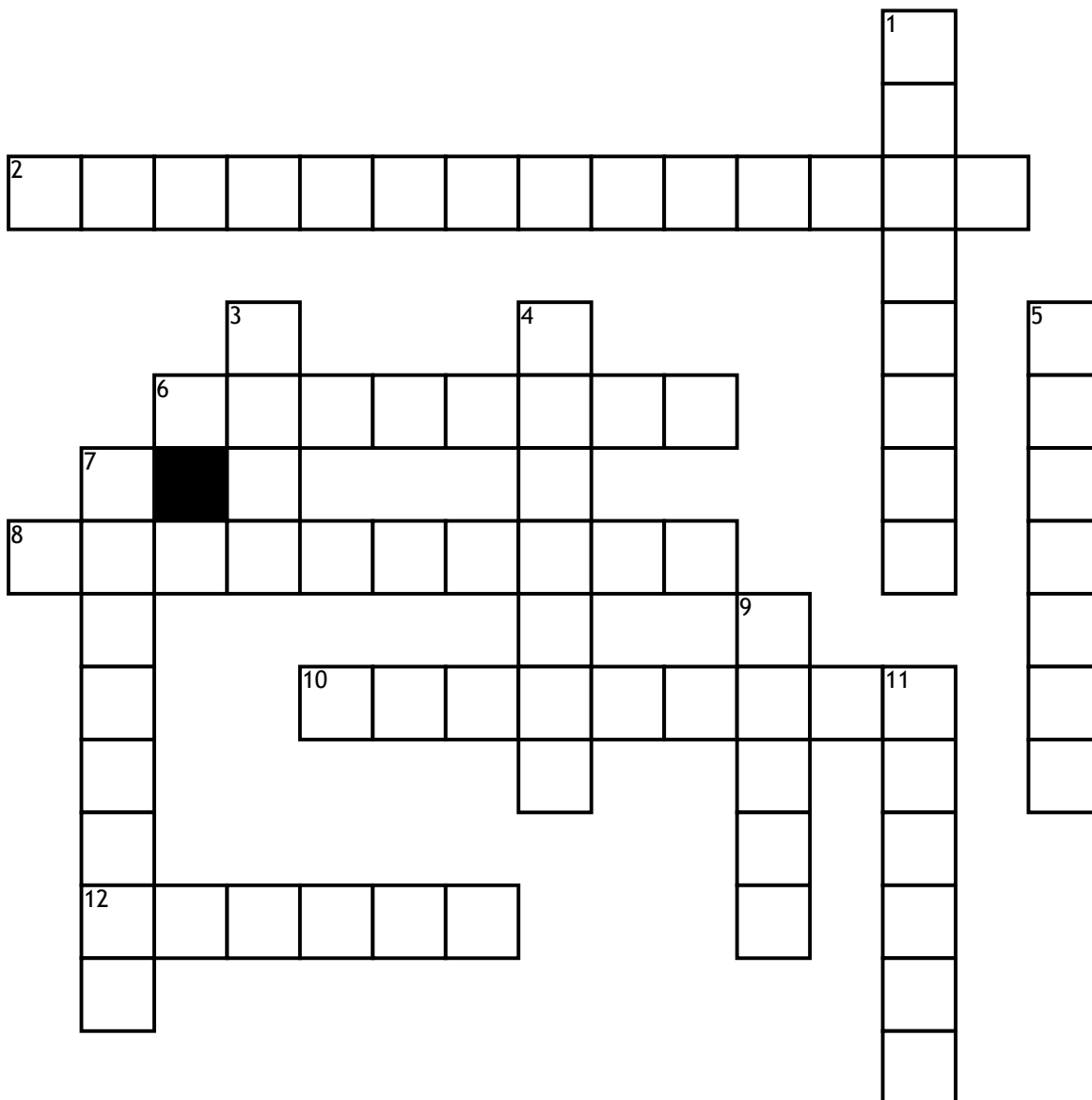


# What is a Quadratic?



**Across**

2. This divides the parabola into two mirror parts

6. When a graph opens down, its 'a' is \_\_\_\_\_.

8. When the graph DOES NOT cross the x-axis, we say this graph has \_\_\_\_\_.

10. Where the parabola crosses the x-axis

12. The maximum or minimum point of the graph is called the \_\_\_\_\_.

**Down**

1. The 'U' shape graph forms a \_\_\_\_\_.

3. This is ALWAYS the y value of a root of a graph

4. When a parabola opens up, it has a \_\_\_\_\_ point

5. When a parabola opens down, it has a \_\_\_\_\_ point

7. When a graph opens up, its 'a' is \_\_\_\_\_.

9. Another name for the solutions of a graph

11. The highest power of a quadratic