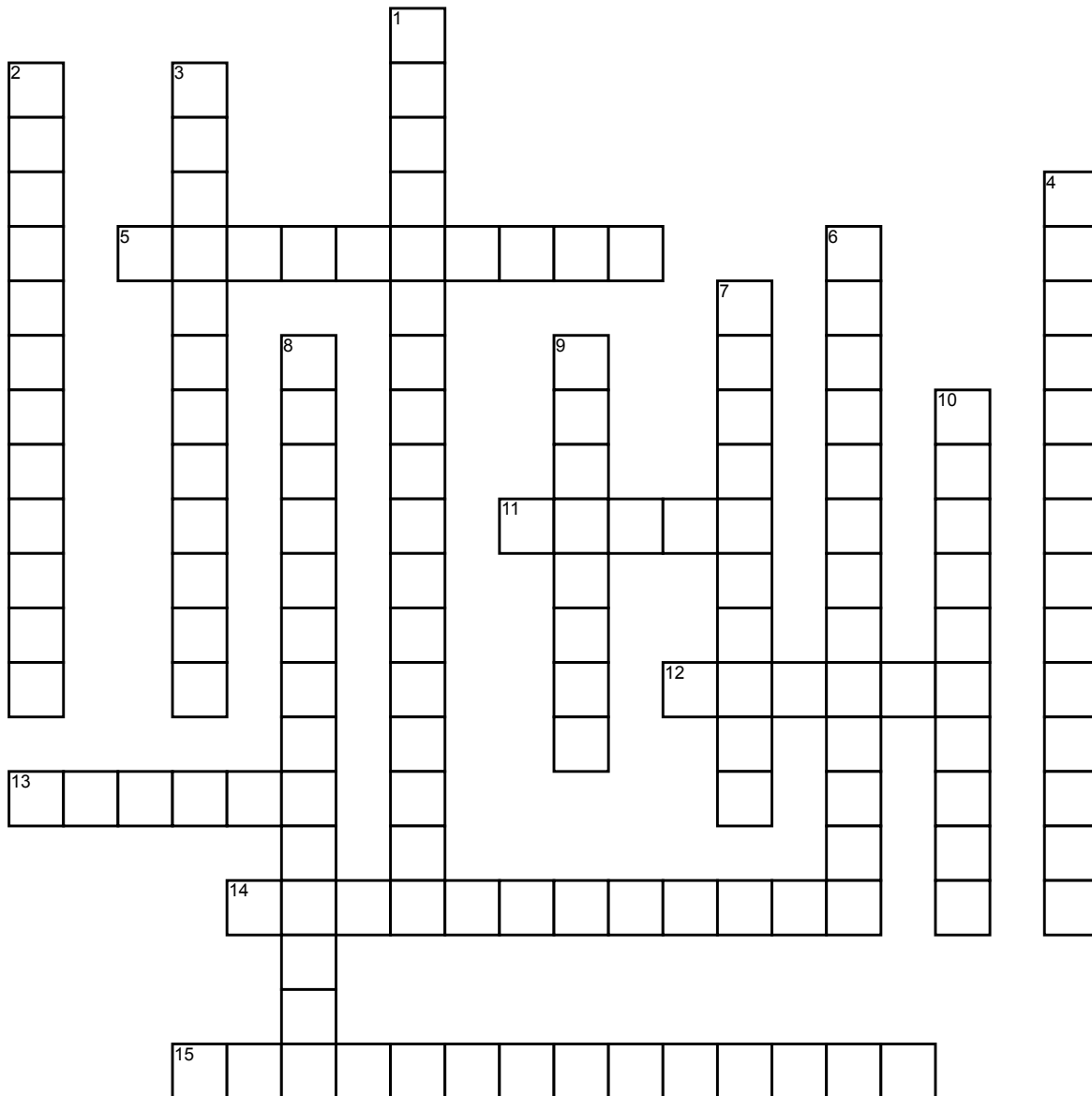# Quadratic Functions

Across

5. This point can be found by evaluating a function at f(x) = 0

11. The set of all possible output values (y) of a function

12. The lowest point on a parabola that opens up or the highest point on a parabola that opens down

13. The set of all possible input values (x) of a function

14. A quadratic function written in the form f(x) = ax^2 + bx + c

15. A function in the form f(x) = mx + b

Down

1. A function that can be written in the form f(x) = a(x - h)^2 + k

2. The y-coordinate of the vertex of the quadratic function when a > 0

3. The y-coordinate of the vertex of the quadratic function when a < 0

4. A line that divides a parabola into mirror images and passes through the vertex

6. A quadratic function written in the form f(x) = a(x - p)(x - q)

7. This point can be found by evaluating a function at x = 0

8. The quadratic function f(x) = x^2

9. The U-shaped graph of a quadratic function

10. A quadratic function written in the form f(x) = a(x - h)^2 + k