Quadratic Functions Vocab
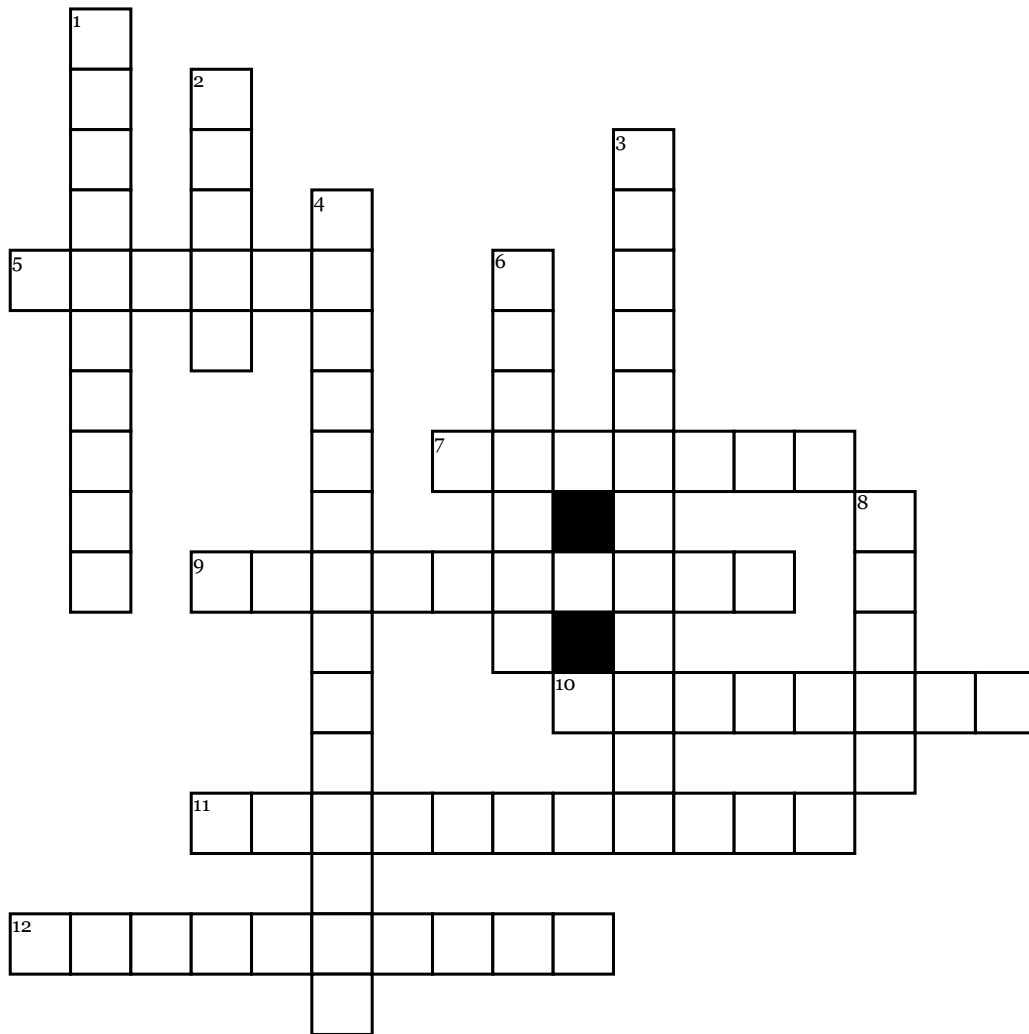
Across

5. The point where the parabola changes direction.

7. The lowest point on the parabola when it opens up

9. Answer you get when the function doesn't touch the x-axis

10. The U shaped curve of a quadratic graph

11. Number of solutions you get when the function sits on the x-axis, but doesn't cross it.

12. Where the graph touches the x-axis

Down

1. Where the graph touches the y-axis

2. A term for the solutions to a quadratic function

3. The calculation that tells us how many solutions the function has.

4. A vertical line that divides the parabola into two congruent halves.

6. The highest point on the parabola when it opens down

8. Another term used for the solution to a quadratic equation

Word Bank

y-intercept	Discriminant	Maximum	Parabola
Minimum	One Solution	Zeros	Roots
x-intercept	No Solution	Vertex	Axis of Symmetry