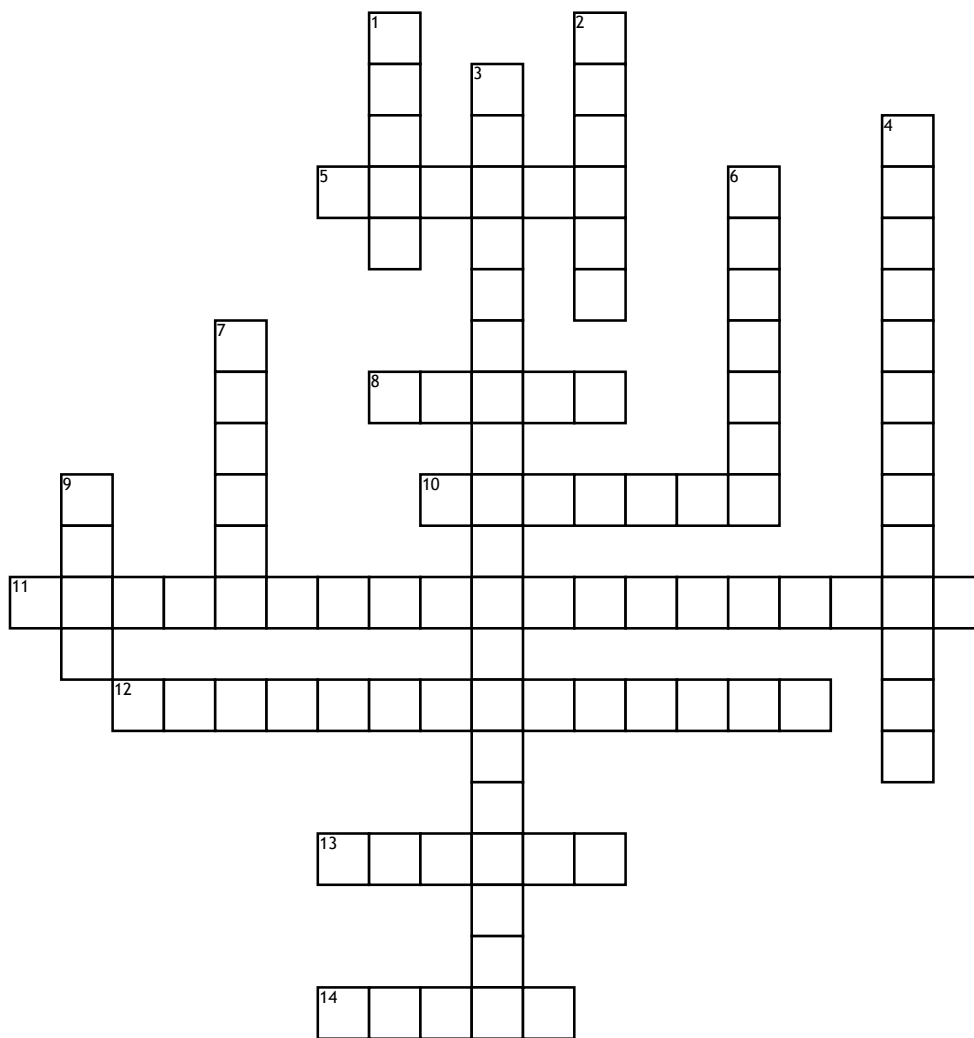


# Quadratic Function



## Across

5. vertical stretch  
8. set of all y values  
10. opens down; highest point on a graph  
11. a function with the variable as the exponent  
12. line that divides the parabola in half;  $x = \_\_\_$

13. highest or lowest point on a graph

14. vertical compression

## Down

1. b is greater than 0 but less than 1  
2. b is greater than 1

3. horizontal line in which it approaches the graph;  $y = \_\_\_$

4. y intercept

6. opens up; lowest point on a graph

7. all real numbers

9. roots, zeros, x intercepts, solutions

## Word Bank

roxs	initial amount	decay	minimum
axis of symmetry	range	narrow	maximum
horizontal asymptote	domain	growth	vertex
wider	exponential function		