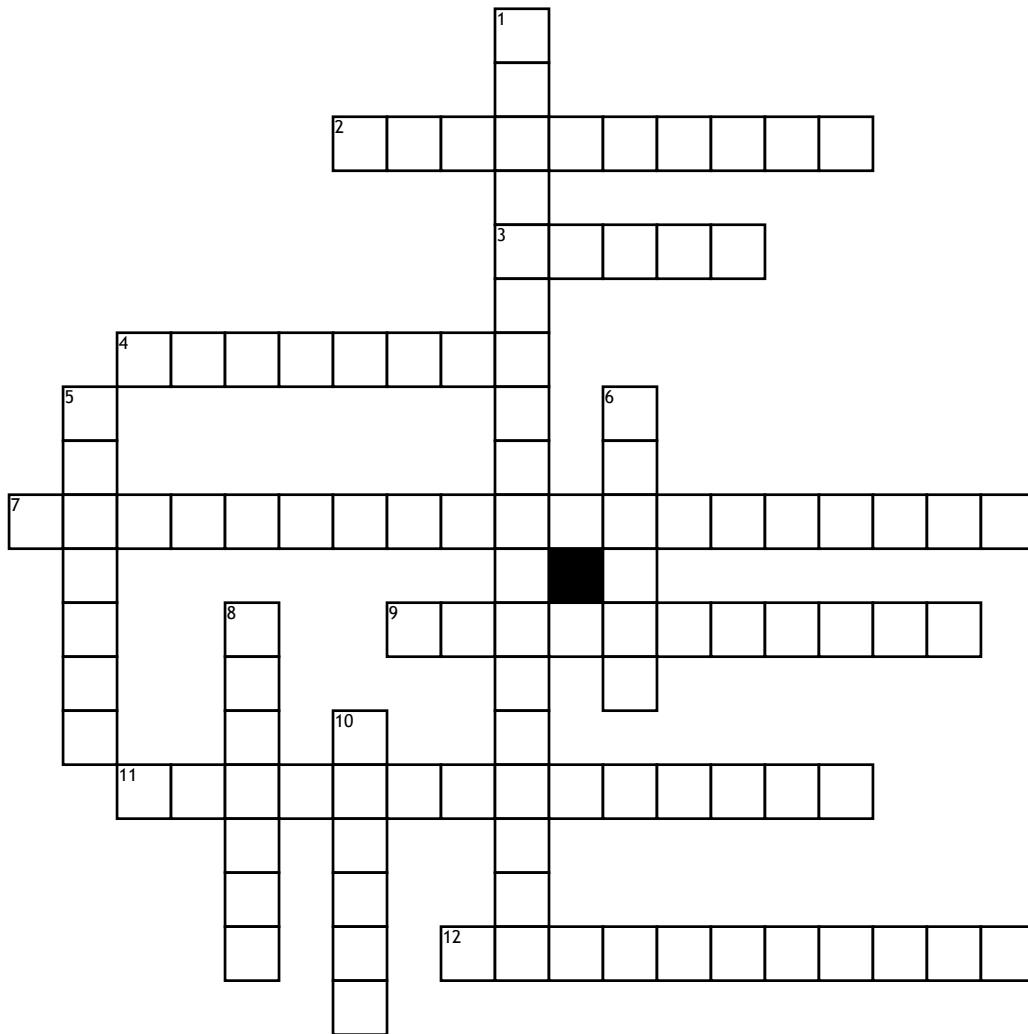# unit 4b vocabulary crossword

Across

2. point where the graph crosses the Y axis

3. The set of all Y values for which a function is defined (on a graph)

4. the shape of a quadratic equation

7. The values for which a parabola is decreasing (going down)

9. are the solutions

11. is the imaginary line that passes through the vertex and cuts a parabola in half

12. solutions to quadratic equations

Down

1. The values for which a parabola is increasing (going up)

5. when the vertex is the lowest point on the graph

6. is found on the axis of symmetry and is the lowest/highest point of the parabola

8. when the vertex is the highest point on the graph

10. The set of all X values for which a function is defined (on a graph)

Word Bank

Interval of drecrease	maximum	Interval of increase
Range	X intercepts	parabola
minimum	Domain	Y intercept
vertex	axis of semmetry	zeros/roots