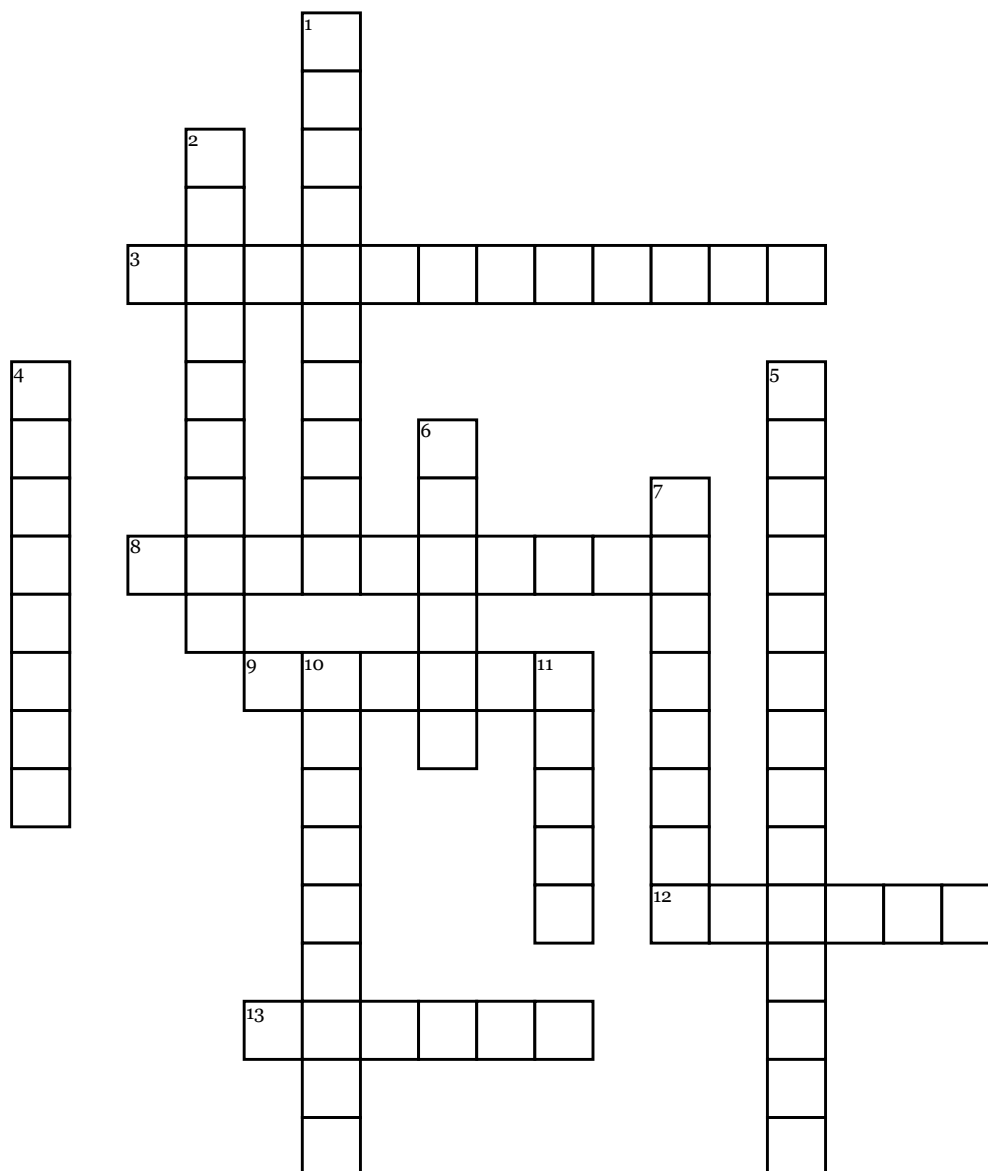


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Quadratic Vocabulary



## Across

**3.** distance with respect to time

**8.** where the parabola crosses the x-axis

**9.** function who's graph is always a line

**12.** all possible x values for a function

**13.**  $y = a(x - h) + k$  is \_\_\_\_\_ form (h,k) is the vertex)

## Down

**1.** where the parabola crosses the y-axis

**2.** Polynomial function with highest degree of 2 for the variable x

**4.** graph of a quadratic function

**5.** invisible vertical line that divides the parabola into two mirror images

**6.** the highest or lowest point on a graph

**7.**  $y = ax^2 + bx + c$  is \_\_\_\_\_ form

**10.**  $y = a(x - p)(x - q)$  is \_\_\_\_\_ form (p and q are x-intercepts)

**11.** all possible y values for a function