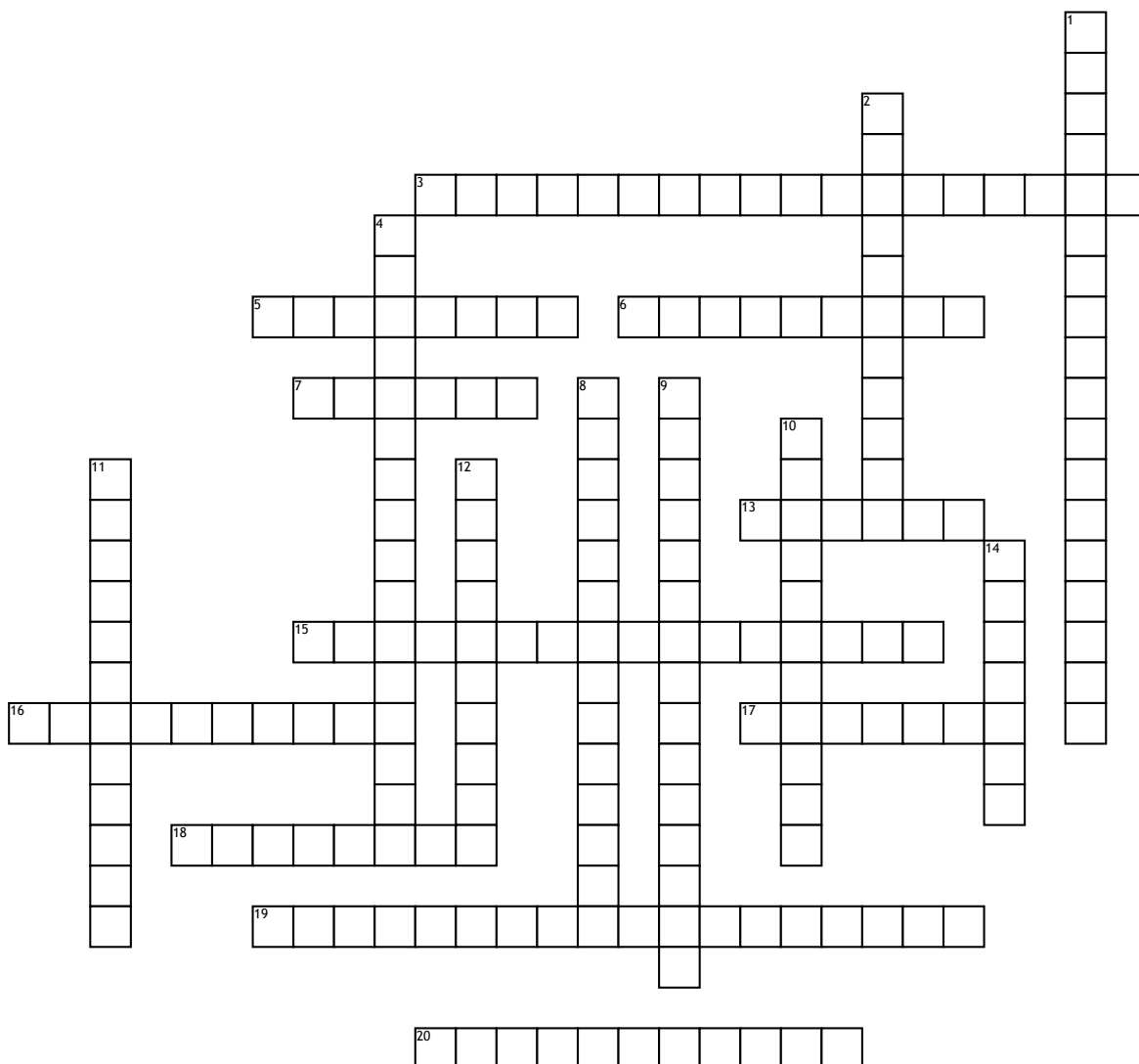


Name: _____

Date: _____

quadratics



Across

3. divide all terms by a, move c/a to right of equation, balance equation by adding same values on both sides.
 5. the answer to a quadratic function in the shape of a U.
 6. opposite of distributing.
 7. roots, x-intercepts and solutions.
 13. the highest/ lowest point on a parabola.
 15. when discriminant is positive.
 16. $f(x) = a(x - h)^2 + k$.

17. when $a > 0$.

18. number that doesn't change in equation.

19. when discriminant is negative.

20. $b^2 - 4ac$.

Down

1. when $Ax^2 + Bx + C$ does not equal 0.

2. numbers that is multiplied by a variable.

4. $-b \pm \sqrt{b^2 - 4ac} / (2a)$.

8. The center of the parabola/ where you can fold the parabola perfectly in half.

9. when the discriminant equals 0.

10. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression

11. $Ax + By = C$.

12. where parabola hits x intercept.

14. when $a < 0$.