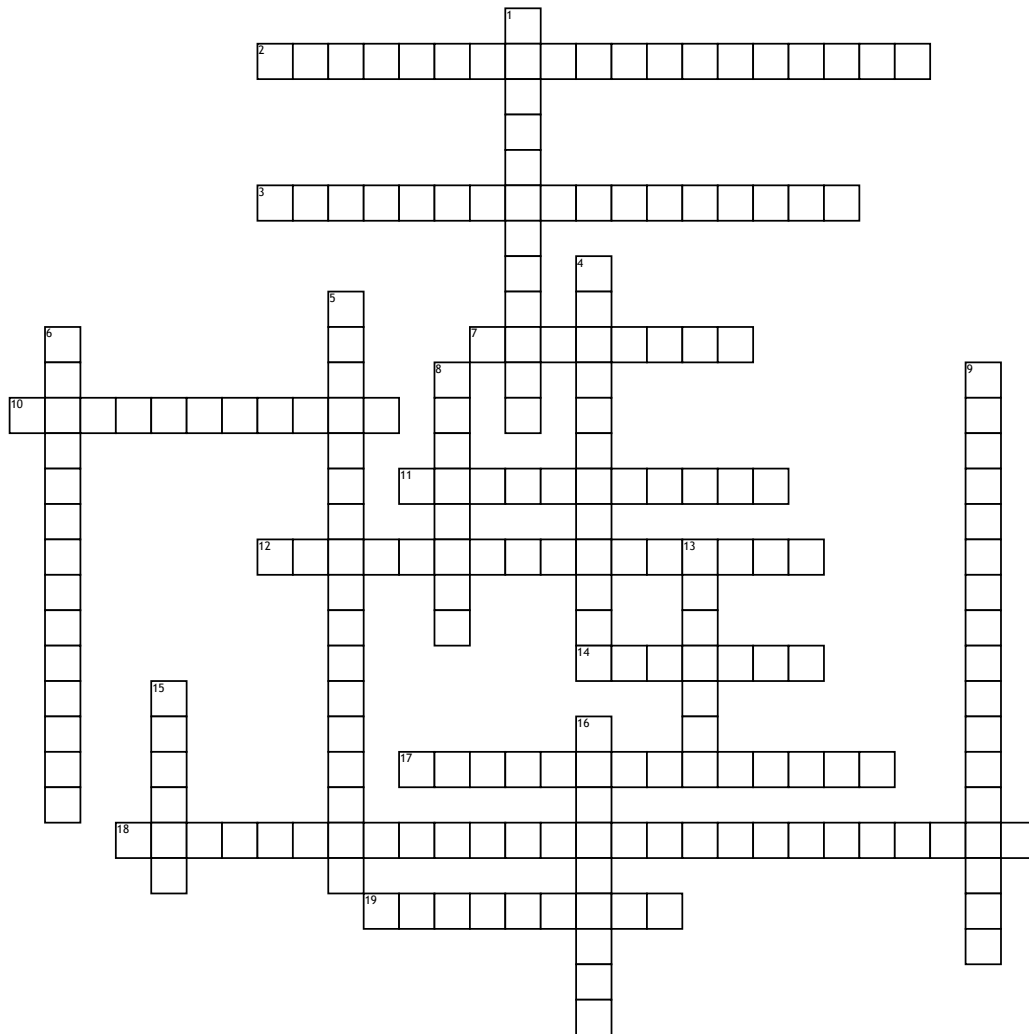Name: _____

Quadratics Crossword

Across

2. technique for converting a quadratic polynomial of the form to the form values of h and k. AKA the worst thing in existence

3. Any equation having the form where x represents an unknown, and a, b, and c represent known numbers

7. A curve where any point is at an equal distance from the other ex; (-1,2) (1,2).

10. A point on the graph where x is zero.

11. A point on the graph where y is zero.

12. x= -b±√ b2–4ac / 2a

14. The lowest part of the parabola.

17. a factorization method ex; makes it so you can write 2x²+8x+3x+12 as (2x+3)(x+4

18. ab=0

19. Writing a number as product of several factors, usually smaller or simpler objects of the same kind. ex; 15= 3&5

Down

1. √ b2–4ac

4. Ax + By = C

5. The ¨zeros¨

6. -b / 2a

8. A degree of a root

9. a polynomial function with one or more varibles.

13. The highest part of the parabola.

15. The highest or lowest point of the parabola.

16. An algebraic expression of the sum or the difference of two terms.

Word Bank

Grouping Method	Roots of an Equation	Factoring	Quadratic Function
Quadratic Formula	Completing the Square	Vertex	Minimum
Parabola	Maximum	X-Intercepts	Standard Form
Radicals	Quadratic Equation	Axis of Symmetry	Binomials
Y-Intercepts	Discriminant	Zero Product Product Property	