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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Quadratics CrossWord Puzzle

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 1  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | Q |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 2  Q | U | A | D | R | A | T | I | C | F | U | N | C | T | I | O | N |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  | 3  S |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4  T | R | I | N | O | M | I | A | L |  |  | 5  A |  |  |  | T |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  | X |  |  |  | A |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  | 6  M |  |  |  | I |  | 7  D |  | N |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | T |  | 8  F |  |  |  | I |  | 9  V |  | S |  | I |  | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | A |  |  |  | N |  | E |  | O |  | S |  | A |  |  |  |  |  |
|  |  |  |  |  | 10  O |  |  |  |  |  |  | C |  | 11  F |  | I |  | R |  | F |  | C |  | R |  |  |  |  |  |
|  |  |  |  | 12  I | N | T | E | 13  R | C | E | P | T | F | O | R | M |  | T |  | S |  | R |  | D |  |  |  |  |  |
|  |  |  |  |  | E |  |  | O |  |  |  | O |  | I |  | U |  | E |  | Y |  | I |  | F |  |  |  |  |  |
|  |  |  | 14  P | A | R | A | B | O | L | A |  | R |  | L |  | 15  M | A | X | I | M | U | M |  | O |  |  |  |  |  |
|  |  |  |  |  | E |  |  | T |  |  |  | I |  |  |  |  |  |  |  | M |  | I |  | R |  |  |  |  |  |
|  |  |  |  |  | A |  |  | S |  |  |  | N |  |  | 16  C | O | M | P | L | E | X | N | U | M | B | E | R |  |  |
|  |  |  |  |  | L |  |  |  |  |  |  | G |  |  |  |  |  |  |  | T |  | A |  |  |  |  |  |  |  |
|  |  |  |  |  | S |  |  | 17  R |  |  |  |  |  |  |  |  |  |  |  | R |  | N |  |  |  |  |  |  |  |
|  |  |  |  | 18  N | O | R | E | A | L | S | O | L | U | T | I | O | N | S |  | Y |  | T |  |  |  |  |  |  |  |
|  |  |  |  |  | L |  |  | D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | U |  |  | 19  I | M | A | G | I | N | A | R | Y | U | N | I | T |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 20  C | O | M | P | L | E | T | I | N | G | T | H | E | S | Q | U | A | R | E |  |  |  |  |  |  |  |
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| **Across**  **2.** f(x) = ax2 + bx + c  **4.** Equation that has three terms which are connected by plus or minus notations  **12.** The equation of a straight line  **14.** A u-shaped curve with certain specific properties  **15.** The value of a function at a certain point in its domain, which is greater than or equal to the values at all other points  **16.**  Is a number that can be expressed in the form a + bi, where a and b are real numbers, and i is the imaginary unit  **18.** The value of not having any solutions, roots, or x-intercepts the quadratic equation will have  **19.** One that when squared gives a negative result  **20.** Is a technique used to solve quadratic equations, graph quadratic functions, and evaluate integrals | **Down**  **1.** When multiplied by itself, gives the number  **3.** Is another way to write slope (as opposed to y=mx+b)  **5.** You find me by using the formula -b/2a  **6.** Vertex at its lowest point  **7.** Reveals what type of roots the equation has.  **8.** Used to simplify expressions, simplify fractions, and solve equations  **9.** A point where two or more curves, lines, or edges meet  **10.** The value of only one solution, root, or x-intercept the quadratic equation will have  **11.** A technique for distributing two binomials( First, Outer, Inner, Last)  **13.** Are exactly the x-intercepts of the quadratic function  **17.** My symbol is (√) |