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Quadratics CrossWord Puzzle

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|  |  |  |  |  |  |  |  |  | 4T |  R |  I |  N |  O |  M |  I |  A |  L |  |  | 5A |  |  |  |  T |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  X |  |  |  |  A |  |  |  |  |  |
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|  |  |  |  |  | 10O |  |  |  |  |  |  |  C |  | 11F |  |  I |  |  R |  |  F |  |  C |  |  R |  |  |  |  |  |
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|  |  |  | 14P |  A |  R |  A |  B |  O |  L |  A |  |  R |  |  L |  | 15M |  A |  X |  I |  M |  U |  M |  |  O |  |  |  |  |  |
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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 (√) |