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Quadratics Crossword Puzzle

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| **Across**  **3.** The smallest value.  **8.** A special curve, shaped like an arch.  **11.** where the polynomial is equal to zero:  **12.** curve with certain specific properties.  **13.** y = mx + b.  **15.** a point where two or more line segments meet a corner  **17.**  Finding what to multiply together to get an expression.  **19.** a number is a value that multiplied by itself and gives the number  **20.** there ARE solutions, but they are only complex solutions. | **Down**  **1.** multiplying the First terms, · multiplying the Outer terms, · multiplying the Inner terms, and · multiplying the Last terms  **2.** b2 − 4ac  **4.**  where we change the sign in the middle of two terms  **5.** The largest value.  **6.** a numerical or constant quantity placed before and multiplying the variable in an algebraic expression  **7.** always passes through the vertex of the parabola  **9.**  a number on its own, or sometimes a letter such as a, b or c to stand for a fixed number.  **10.** a combination of a Real Number and an Imaginary Number  **14.**  where the polynomial is equal to zero.  **16.** the x-coordinate of a point where a line, curve, or surface intersects the x-axis  **18.** numbers arranged in rows and columms |