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Quadratic Vocabulary

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| **Across**  **3.** distance with respect to time  **8.** where the parabola crosses the x-axis  **9.** function who's graph is always a line  **12.** all possible x values for a function  **13.** y = a (x - h) + k is \_\_\_\_\_\_\_\_\_\_\_\_ form ( (h,k) is the vertex) | **Down**  **1.** where the parabola crosses the y-axis  **2.** Polynomial function with highest degree of 2 for the variable x  **4.** graph of a quadratic function  **5.** invisible vertical line that divides the parabola into two mirror images  **6.** the highest or lowest point on a graph  **7.** y = ax2 + bx + c is \_\_\_\_\_\_\_\_\_\_\_ form  **10.** y = a (x - p) (x - q) is \_\_\_\_\_\_\_\_ form (p and q are x-intercepts)  **11.** all possible y values for a function |