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# Quadratic Vocabulary 



## Across

3. distance with respect to time
4. where the parabola crosses the x -axis
5. function who's graph is always a line
6. all possible $x$ values for a function
7. $y=a(x-h)+k$ is form (

## Down

1. where the parabola crosses the $y$-axis
2. Polynomial function with highest degree of 2 for the variable $x$
3. graph of a quadratic function
4. invisible vertical line that divides the parabola into two mirror images
5. the highest or
lowest point on a graph
$7 \cdot \mathrm{y}=\mathrm{ax} 2+\mathrm{bx}+\mathrm{c}$ is
$\overline{\text { 10. } y=a(x-p)}(x-q)$ is form ( p and q are x-intercepts)
6. all possible y values for a function
