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## Quadratic Formula / By: Darlyn Chacon



## Across

6. The shape of the graph of a quadratic function
7. The $y$-value of the lowest point on the graph of a function
8. A function that can be written in the form $f(x)=a x 2+b x+c$, where $a, b, a n d c$ are real numbers and $\mathrm{a} \neq 0$
9. An equation that can be written in the form $\mathrm{ax} 2+\mathrm{bx}+\mathrm{c}=0$, where $\mathrm{a}, \mathrm{b}$, and c are real numbers and $\mathrm{a} \neq 0$
10. A process used to form a perfect square trinomial.

## Down

1. For the function f , any number x such that $\mathrm{f}(\mathrm{x})=0$
2. The set of output values of a function
3. The set of all possible input values of a function
4. The $y$-value of the highest point on the graph of a function
5. A line that divides a plane figure or a graph into two congruent reflected halves 7. The highest or lowest point on the parabola
