

I can identify key features of quadratic functions. I can graph a quadratic function from **standard form**.

Steps to Graph a Quadratic Function in Standard Form

1) Find the _____

- x - value:

- y - value:

2) Make a _____

- Put the _____ in the middle

- Pick x-values _____ around the _____

3) Plot the _____ and draw the _____

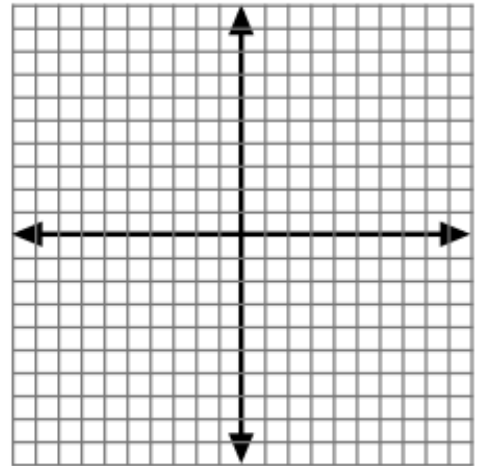
Graph each equation. State the domain and range.

Example 1: $f(x) = x^2 + 4x + 3$

	x	y
vertex:		

Domain:

Range:

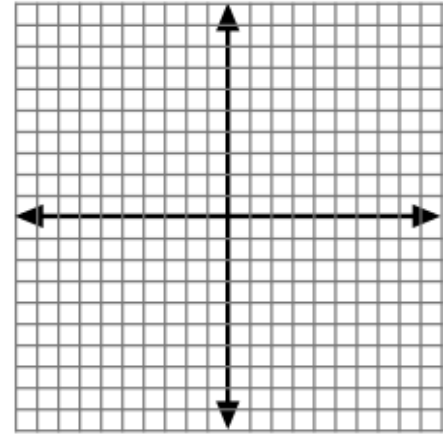


I can identify key features of quadratic functions. I can graph a quadratic function from **standard form**.

Example 3: $f(x) = -2x^2 + 2x - 1$

	x	y
vertex:		

Domain:
Range:



Example 5: $f(x) = 3x^2 - 6x + 2$

	x	y
vertex:		

Domain:
Range:

