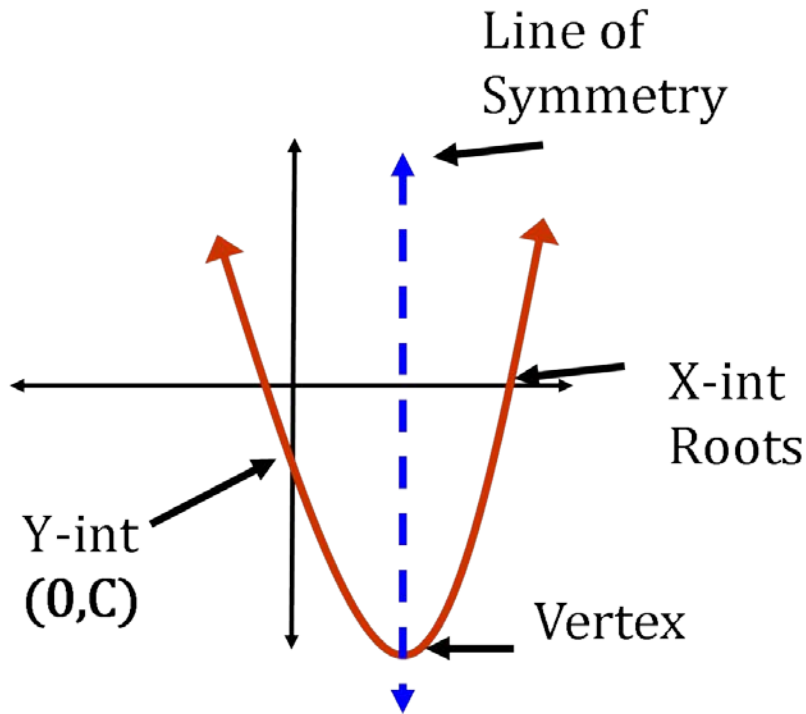


Graphing $y = Ax^2 + Bx + C$

* Vertex or Line of Symmetry = $\frac{-B}{2A}$

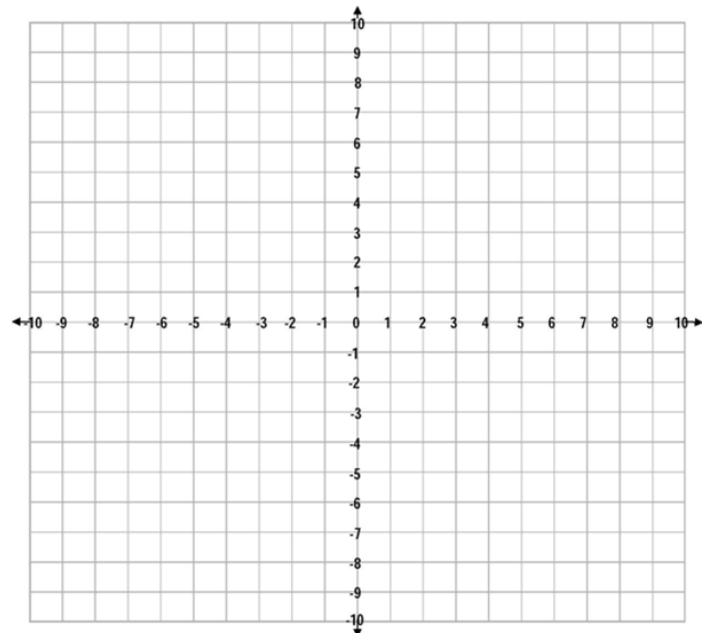
Steps

- 1 Find the Vertex
- 2 Find y -int $(0, C)$
- 3 use Table to sketch the rest of graph

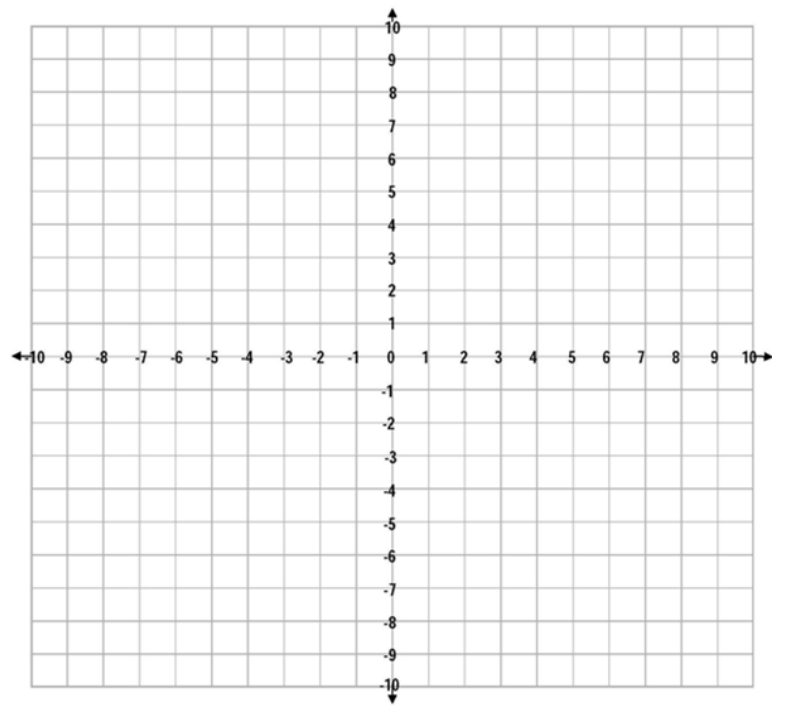


Graph each label vertex, y-int, and min/max

Ex1) $y = -2x^2 + 12x - 7$



$$\text{Ex2) } y = 3x^2 - 6x + 2$$



$$\text{Ex3) } y = -x^2 - 12x + 10$$

