

How to Graph a Parabola

Find the Vertex

$$f(x) = ax^2 + bx + c$$

$$x = \frac{-b}{2a}$$

(1, -7)

Build a Function Table

$$f(x) = x^2 - 2x - 6$$

x	y
-1	-3
0	-6
1	-7
2	-6
3	-3

Plot Points and Graph

