

$$ax^2 + bx + c$$

$$y = x^2 + 4x + 3$$

axis of symmetry

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

$$x = -\frac{4}{2 \cdot 1}$$

$$x = -2$$

$$ax^2 + bx + c$$

$$y = -x^2 + 4x + 3$$

axis of symmetry

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

$$x = -\frac{4}{2(-1)}$$

$$x = 2$$