

Name:

ID:

Section:

Quadratic Formula

Use the quadratic formula to solve the quadratic equation.

$$2x^2 + 2x - 3 = 0$$

Identify

$$a = \square, b = \square, c = \square$$

Apply

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\square) \pm \sqrt{(\square)^2 - 4(\square)(\square)}}{2(\square)}$$

Solve

$$= \frac{\square \pm \sqrt{\square}}{\square}$$

$$= \frac{\square \pm \square \sqrt{\square}}{\square}$$

$$= \frac{\square \pm \sqrt{\square}}{\square}$$

$$\left\{ \frac{\square + \sqrt{\square}}{\square}, \frac{\square - \sqrt{\square}}{\square} \right\}$$