

$$x^2 + 6x - 3 = 0$$

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$$\frac{1}{2} (\quad) = \xrightarrow[\text{it!}]{\text{Square}} \square$$

This is the number that will complete the square!

$$x^2 + 6x = 3$$

$$(\quad)^2 =$$

$$\sqrt{\quad} = \pm \sqrt{\quad}$$

$$\sqrt{(x + 3)^2} = \pm \sqrt{12}$$

$$= \pm \sqrt{\quad}$$

$$x + 3 = \pm 2\sqrt{3}$$

$$3x^2 + 5x - 1 = 0$$

$$\frac{3x^2}{3} + \frac{5x}{3} = \frac{1}{3}$$

$$x^2 + \frac{5}{3}x = \frac{1}{3}$$

$$x^2 + \frac{5}{3}x = \frac{1}{3}$$

$$x^2 + \frac{5}{3}x = \frac{1}{3} \left(\quad \right)$$

$$=$$

$$\frac{1}{2} \left(\frac{5}{3} \right) = \frac{5}{6} \xrightarrow[\text{it!}]{\text{Square it!}} \frac{25}{36}$$

This is the number that will complete the square!

$$x^2 + \frac{5}{3}x + \frac{25}{36} = \frac{37}{36}$$

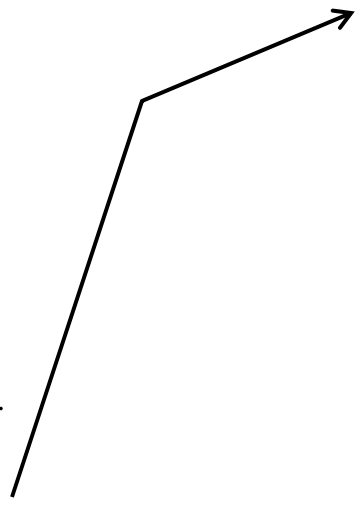
$$\left(\quad + \quad \right)^2$$

$$\sqrt{\quad}$$

=

= ±

$$\sqrt{\quad}$$



$$x + \quad = \pm \frac{\sqrt{\quad}}{\quad}$$

$$x + \frac{5}{6} = \pm \frac{\sqrt{\quad}}{\quad}$$

$$x = \pm \frac{\sqrt{\quad}}{\quad}$$

$$x = \pm \frac{\sqrt{\quad}}{\quad} - \quad$$

$$x = - \quad \pm \frac{\sqrt{\quad}}{\quad}$$