

## Solve Quadratic Equation

Solve each equation with the quadratic formula.

$$g^2 - 21g - 45 = 0$$

$$6r^2 - 26r - 15 = 0$$

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

$$h^2 + 16h = 30$$

$$b^2 - 2b - 12 = 0$$

$$g^2 - 2g - 16 = 0$$

$$n^2 - 6n = -6$$

$$n^2 - 24n + 60 = 0$$

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Solve each equation with the quadratic formula.

$$g^2 - 21g - 45 = 0$$

$$g = \left\{ \frac{21 \pm 3\sqrt{69}}{2} \right\}$$

$$6r^2 - 26r - 15 = 0$$

$$r = \left\{ \frac{13 \pm \sqrt{259}}{6} \right\}$$

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

$$x = \left\{ -3 \pm \sqrt{11} \right\}$$

$$h^2 + 16h = 30$$

$$h = \left\{ -8 \pm \sqrt{94} \right\}$$

$$b^2 - 2b - 12 = 0$$

$$b = \left\{ 1 \pm \sqrt{13} \right\}$$

$$g^2 - 2g - 16 = 0$$

$$g = \left\{ 1 \pm \sqrt{17} \right\}$$

$$n^2 - 6n = -6$$

$$n = \left\{ 3 \pm \sqrt{3} \right\}$$

$$n^2 - 24n + 60 = 0$$

$$n = \left\{ 12 \pm 2\sqrt{21} \right\}$$