

Solve by Completing the Square

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

Solve

$$2x^2 + 7x - 15 = 0$$

Solve by using the Quadratic Formula

$$6x^2 - 10x - 16 = 3$$

Solve

$$x^2 - 8x + 11 = 0$$

Give the number of solutions and identify them as rational, irrational, or complex

$$9x^2 + 18x - 13 = 0$$

Solve by Factoring:

$$8x^2 - 6x + 1 = 0$$

Solve

$$x^2 - 5x + 8 = 0$$

Solve

$$5 = -2x + x^2$$

Solve by Factoring

$$3x^2 - 2x = 8$$

Solve

$$x^2 - 3x + 10 = 0$$

Solve by using the Quadratic Formula

$$4x^2 - 22 = -10x$$

Solve

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

Solve by Completing the Square

$$3x^2 + 8x + 5 = -2x^2$$

Give the number of solutions and identify them as rational, irrational, or complex

$$2x^2 + 17x = 14 + 5x$$

Solve by using the Quadratic Formula

$$x^2 + 6x + 12 = 0$$

Solve by Factoring

$$4x^2 - 17x + 10 = -5$$

Give the number of solutions and identify them as rational, irrational, or complex

$$16x^2 + 24x + 10 = 1$$

Solve

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

Solve

$$3x^2 = -12x - 9$$

Solve by Completing the Square

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