

Solve the following equations, if possible. Simplify your answers completely.

$$x^2 + 6x + 5 = 0$$

$$(t-5)^2 = 2(5-t)$$

$$x^2 - 8x + 15 = 0$$

$$5x^2 - 26x + 5 = 0$$

$$x^2 + 18x = 0$$

$$4x^2 - 4x = 15$$

$$6x^2 - 4x = 10$$

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

$$1 + x^2 = 2x$$

$$x^2 = 3x + 18$$

$$5x^2 = 6x$$

$$6x^2 + 11x - 10 = 0$$

$$2y^2 + 12y = -10$$

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

$$t(3t+1) = 2$$

$$4x^2 + 11x = -6$$

$$x^2 - 5x = 18 + 2x$$

$$4x^2 - 24x + 35 = 0$$

$$x(x-5) = 14$$

$$5x^2 + 13x = 6$$

$$100y^2 = 49$$

$$3x(x+8) + 45 = 0$$

$$10x^2 + 12 = 23x$$

$$2x(3x+14) = 10$$

$$12x^2 + 17x = 5$$

$$(x+3)(x-2) = 14$$