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

$$3y^2 - 7y = 20$$

$$y^2 + 4y - 24 = 8$$

$$2y^2 + 13y = 24$$

$$9x^2 - 16 = 0$$

$$n^2 - n + 6 = 12$$

$$2n^2 + 14n + 24 = 0$$

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

$$p^2 = 1$$

$$y^2 - 9y + 20 = 0$$

$$7y^2 - 14y - 56 = 0$$

$$3y^2 - 11y - 35 = 0$$

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

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

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

$$25x^2 - 36 = 0$$

$$10x^2 + 18x + 21 = 0$$

$$3 + 19x = 14x^2$$

$$4x^2 = 6x + 28$$

$$60x^2 + 104x + 28 = 0$$

$$36 + \frac{75}{x} - \frac{21}{x^2} = 0$$

$$25 = \frac{70}{x} - \frac{49}{x^2}$$

$$x + \frac{1}{3} = \frac{4}{3x}$$

$$(p+4)(p-6) = -16$$

$$x - 1 - \frac{1}{4}x^2 = 0$$