



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$4x^3 - 67x^2 + 300x - 189 = 0$$

$$x^3 - 6x^2 - 79x + 504 = 0$$

$$x^3 + 6x^2 + 5x = 0$$

$$x^3 - 4x^2 + 3x = 0$$

$$x^3 - 2x^2 - 55x + 56 = 0$$

$$4x^3 + 39x^2 + 65x - 150 = 0$$

$$3x^3 + 2x^2 - 113x + 140 = 0$$

$$x^3 - 2x^2 - 15x = 0$$

$$5x^3 - 21x^2 - 72x + 108 = 0$$

$$x^3 + 7x^2 - 8x = 0$$



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$4x^3 - 67x^2 + 300x - 189 = 0$$

$$x = \frac{3}{4}, 9, 7$$

$$x^3 - 6x^2 - 79x + 504 = 0$$

$$x = 7, -9, 8$$

$$x^3 + 6x^2 + 5x = 0$$

$$x = -5, -1, 0$$

$$x^3 - 4x^2 + 3x = 0$$

$$x = 1, 3, 0$$

$$x^3 - 2x^2 - 55x + 56 = 0$$

$$x = -7, 1, 8$$

$$4x^3 + 39x^2 + 65x - 150 = 0$$

$$x = \frac{5}{4}, -6, -5$$

$$3x^3 + 2x^2 - 113x + 140 = 0$$

$$x = \frac{4}{3}, -7, 5$$

$$x^3 - 2x^2 - 15x = 0$$

$$x = -3, 5, 0$$

$$5x^3 - 21x^2 - 72x + 108 = 0$$

$$x = \frac{6}{5}, -3, 6$$

$$x^3 + 7x^2 - 8x = 0$$

$$x = 1, -8, 0$$