



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$4x^3 - 45x^2 + 134x - 105 = 0$$

$$6x^3 - 47x^2 + 107x - 60 = 0$$

$$x^3 - 12x^2 + 35x - 24 = 0$$

$$2x^3 - 25x^2 + 89x - 84 = 0$$

$$x^3 - 13x^2 + 36x = 0$$

$$x^3 - 19x + 30 = 0$$

$$x^3 - 6x^2 - 9x + 14 = 0$$

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

$$x^3 - 13x^2 + 42x = 0$$

$$x^3 + 8x^2 + 19x + 12 = 0$$



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$4x^3 - 45x^2 + 134x - 105 = 0$$

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

$$6x^3 - 47x^2 + 107x - 60 = 0$$

$$x = \frac{5}{6}, 3, 4$$

$$x^3 - 12x^2 + 35x - 24 = 0$$

$$x = 3, 8, 1$$

$$2x^3 - 25x^2 + 89x - 84 = 0$$

$$x = \frac{3}{2}, 7, 4$$

$$x^3 - 13x^2 + 36x = 0$$

$$x = 4, 9, 0$$

$$x^3 - 19x + 30 = 0$$

$$x = 3, -5, 2$$

$$x^3 - 6x^2 - 9x + 14 = 0$$

$$x = 1, 7, -2$$

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

$$x = 2, -3, 0$$

$$x^3 - 13x^2 + 42x = 0$$

$$x = 7, 6, 0$$

$$x^3 + 8x^2 + 19x + 12 = 0$$

$$x = -4, -1, -3$$