



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$x^3 + 11x^2 + 32x + 28 = 0$$

$$x^3 - 3x^2 - 28x = 0$$

$$3x^3 - 7x^2 - 32x + 48 = 0$$

$$4x^3 - 33x^2 + 59x - 30 = 0$$

$$x^3 - 11x^2 + 3x + 135 = 0$$

$$x^3 - 8x^2 - 9x = 0$$

$$x^3 + 7x^2 + 6x = 0$$

$$x^3 - 5x^2 - 64x + 320 = 0$$

$$x^3 + 5x^2 + 4x = 0$$

$$x^3 - 5x^2 - 26x + 120 = 0$$



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$$x^3 + 11x^2 + 32x + 28 = 0$$

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

$$x^3 - 3x^2 - 28x = 0$$

$$x = -4, 7, 0$$

$$3x^3 - 7x^2 - 32x + 48 = 0$$

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

$$4x^3 - 33x^2 + 59x - 30 = 0$$

$$x = \frac{5}{4}, 1, 6$$

$$x^3 - 11x^2 + 3x + 135 = 0$$

$$x = -3, 5, 9$$

$$x^3 - 8x^2 - 9x = 0$$

$$x = 9, -1, 0$$

$$x^3 + 7x^2 + 6x = 0$$

$$x = -1, -6, 0$$

$$x^3 - 5x^2 - 64x + 320 = 0$$

$$x = 5, -8, 8$$

$$x^3 + 5x^2 + 4x = 0$$

$$x = -1, -4, 0$$

$$x^3 - 5x^2 - 26x + 120 = 0$$

$$x = 6, 4, -5$$