



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

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

$$x^3 - 11x^2 + 18x = 0$$

$$x^3 + 6x^2 + 11x + 6 = 0$$

$$8x^3 + 33x^2 - 3x - 28 = 0$$

$$8x^3 - 81x^2 + 193x - 126 = 0$$

$$x^3 + x^2 - 32x - 60 = 0$$

$$x^3 + 5x^2 - 62x - 336 = 0$$

$$x^3 - 20x^2 + 123x - 216 = 0$$

$$3x^3 + 29x^2 + 40x - 112 = 0$$

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



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Name: _____

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

$$x = 1, 3, 8$$

$$x^3 - 11x^2 + 18x = 0$$

$$x = 9, 2, 0$$

$$x^3 + 6x^2 + 11x + 6 = 0$$

$$x = -3, -2, -1$$

$$8x^3 + 33x^2 - 3x - 28 = 0$$

$$x = \frac{7}{8}, -1, -4$$

$$8x^3 - 81x^2 + 193x - 126 = 0$$

$$x = \frac{9}{8}, 2, 7$$

$$x^3 + x^2 - 32x - 60 = 0$$

$$x = 6, -5, -2$$

$$x^3 + 5x^2 - 62x - 336 = 0$$

$$x = 8, -6, -7$$

$$x^3 - 20x^2 + 123x - 216 = 0$$

$$x = 8, 9, 3$$

$$3x^3 + 29x^2 + 40x - 112 = 0$$

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

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

$$x = -3, -1, 0$$