



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$x^3 + 15x^2 + 54x = 0$$

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

$$6x^3 - 7x^2 - 384x + 448 = 0$$

$$x^3 - 11x^2 + 30x = 0$$

$$x^3 - 5x^2 - 41x + 45 = 0$$

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

$$6x^3 + 11x^2 - 9x - 14 = 0$$

$$x^3 + 7x^2 - 4x - 28 = 0$$

$$x^3 + 7x^2 - 53x - 315 = 0$$

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



Solving Cubic Equations

Name: _____

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$$x^3 + 15x^2 + 54x = 0$$

$$x = -9, -6, 0$$

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

$$x = 2, 9, 0$$

$$6x^3 - 7x^2 - 384x + 448 = 0$$

$$x = \frac{7}{6}, 8, -8$$

$$x^3 - 11x^2 + 30x = 0$$

$$x = 5, 6, 0$$

$$x^3 - 5x^2 - 41x + 45 = 0$$

$$x = -5, 1, 9$$

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

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

$$6x^3 + 11x^2 - 9x - 14 = 0$$

$$x = \frac{7}{6}, -1, -2$$

$$x^3 + 7x^2 - 4x - 28 = 0$$

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

$$x^3 + 7x^2 - 53x - 315 = 0$$

$$x = -9, -5, 7$$

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

$$x = 4, 9, 0$$