



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$7x^3 - 13x^2 - 498x + 432 = 0$$

$$x^3 - 12x^2 + 41x - 42 = 0$$

$$x^3 - 4x^2 + x + 6 = 0$$

$$6x^3 - 43x^2 + 96x - 63 = 0$$

$$x^3 - 10x^2 + 24x = 0$$

$$x^3 + 15x^2 + 62x + 48 = 0$$

$$2x^3 - x^2 - 63x + 90 = 0$$

$$x^3 + 2x^2 - 4x - 8 = 0$$

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

$$6x^3 - 25x^2 - 3x + 28 = 0$$



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$$7x^3 - 13x^2 - 498x + 432 = 0$$

$$x = \frac{6}{7}, -8, 9$$

$$x^3 - 12x^2 + 41x - 42 = 0$$

$$x = 3, 2, 7$$

$$x^3 - 4x^2 + x + 6 = 0$$

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

$$6x^3 - 43x^2 + 96x - 63 = 0$$

$$x = \frac{7}{6}, 3, 3$$

$$x^3 - 10x^2 + 24x = 0$$

$$x = 4, 6, 0$$

$$x^3 + 15x^2 + 62x + 48 = 0$$

$$x = -1, -8, -6$$

$$2x^3 - x^2 - 63x + 90 = 0$$

$$x = \frac{3}{2}, -6, 5$$

$$x^3 + 2x^2 - 4x - 8 = 0$$

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

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

$$x = 2, -4, 0$$

$$6x^3 - 25x^2 - 3x + 28 = 0$$

$$x = \frac{7}{6}, 4, -1$$