



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$x^3 + 10x^2 + 11x - 70 = 0$$

$$x^3 + 19x^2 + 118x + 240 = 0$$

$$x^3 + 8x^2 + 16x = 0$$

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

$$x^3 + 12x^2 + 27x - 40 = 0$$

$$4x^3 - 3x^2 - 196x + 147 = 0$$

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

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

$$x^3 - x^2 - 12x = 0$$

$$7x^3 + 22x^2 - 171x + 126 = 0$$



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$$x^3 + 10x^2 + 11x - 70 = 0$$
$$x = -5, 2, -7$$

$$x^3 + 19x^2 + 118x + 240 = 0$$
$$x = -8, -5, -6$$

$$x^3 + 8x^2 + 16x = 0$$
$$x = -4, -4, 0$$

$$x^3 + 3x^2 - 10x = 0$$
$$x = -5, 2, 0$$

$$x^3 + 12x^2 + 27x - 40 = 0$$
$$x = -8, -5, 1$$

$$4x^3 - 3x^2 - 196x + 147 = 0$$
$$x = \frac{3}{4}, -7, 7$$

$$x^3 - 3x^2 - 4x = 0$$
$$x = -1, 4, 0$$

$$x^3 - 2x^2 - 63x = 0$$
$$x = -7, 9, 0$$

$$x^3 - x^2 - 12x = 0$$
$$x = 4, -3, 0$$

$$7x^3 + 22x^2 - 171x + 126 = 0$$
$$x = \frac{6}{7}, 3, -7$$