



## Solving Cubic Equations

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$x^3 - 3x^2 - 33x + 35 = 0$$

$$x^3 - 9x^2 - 22x + 240 = 0$$

$$x^3 + 23x^2 + 175x + 441 = 0$$

$$x^3 - 10x^2 + 7x + 18 = 0$$

$$8x^3 + 55x^2 + 48x - 135 = 0$$

$$8x^3 + 39x^2 - 110x + 63 = 0$$

$$x^3 + 10x^2 + 21x = 0$$

$$8x^3 + 9x^2 - 518x + 441 = 0$$

$$8x^3 - 73x^2 + 200x - 144 = 0$$

$$x^3 + 16x^2 + 73x + 90 = 0$$



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$$x^3 - 3x^2 - 33x + 35 = 0$$

$$x = 7, 1, -5$$

$$x^3 - 9x^2 - 22x + 240 = 0$$

$$x = 6, -5, 8$$

$$x^3 + 23x^2 + 175x + 441 = 0$$

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

$$x^3 - 10x^2 + 7x + 18 = 0$$

$$x = 2, -1, 9$$

$$8x^3 + 55x^2 + 48x - 135 = 0$$

$$x = \frac{9}{8}, -5, -3$$

$$8x^3 + 39x^2 - 110x + 63 = 0$$

$$x = \frac{9}{8}, 1, -7$$

$$x^3 + 10x^2 + 21x = 0$$

$$x = -3, -7, 0$$

$$8x^3 + 9x^2 - 518x + 441 = 0$$

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

$$8x^3 - 73x^2 + 200x - 144 = 0$$

$$x = \frac{9}{8}, 4, 4$$

$$x^3 + 16x^2 + 73x + 90 = 0$$

$$x = -2, -5, -9$$