



## Solving Cubic Equations

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

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

$$6x^3 - 13x^2 - 173x + 210 = 0$$

$$x^3 - 8x^2 + 5x + 14 = 0$$

$$x^3 + 6x^2 - 16x = 0$$

$$x^3 + 10x^2 + 9x = 0$$

$$x^3 - 4x^2 - 21x = 0$$

$$x^3 + 5x^2 + 7x + 3 = 0$$

$$7x^3 - x^2 - 22x + 16 = 0$$

$$3x^3 - 31x^2 + 96x - 80 = 0$$

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

$$8x^3 - 17x^2 - 87x + 108 = 0$$



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

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

$$6x^3 - 13x^2 - 173x + 210 = 0$$

$$x = \frac{7}{6}, -5, 6$$

$$x^3 - 8x^2 + 5x + 14 = 0$$

$$x = 2, 7, -1$$

$$x^3 + 6x^2 - 16x = 0$$

$$x = -8, 2, 0$$

$$x^3 + 10x^2 + 9x = 0$$

$$x = -1, -9, 0$$

$$x^3 - 4x^2 - 21x = 0$$

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

$$x^3 + 5x^2 + 7x + 3 = 0$$

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

$$7x^3 - x^2 - 22x + 16 = 0$$

$$x = \frac{8}{7}, -2, 1$$

$$3x^3 - 31x^2 + 96x - 80 = 0$$

$$x = \frac{4}{3}, 5, 4$$

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

$$x = 3, 1, 0$$

$$8x^3 - 17x^2 - 87x + 108 = 0$$

$$x = \frac{9}{8}, 4, -3$$