



## Solving Cubic Equations

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

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

$$x^3 + 11x^2 + 34x + 24 = 0$$

$$x^3 - 5x^2 + 6x = 0$$

$$7x^3 - 13x^2 - 204x + 180 = 0$$

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

$$x^3 + 10x^2 + 16x = 0$$

$$x^3 + 10x^2 + 25x = 0$$

$$x^3 - x^2 - 72x = 0$$

$$x^3 - 49x = 0$$

$$4x^3 - 17x^2 - x + 20 = 0$$

$$x^3 + 13x^2 + 42x = 0$$



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

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

$$x^3 + 11x^2 + 34x + 24 = 0$$
$$x = -1, -6, -4$$

$$x^3 - 5x^2 + 6x = 0$$
$$x = 3, 2, 0$$

$$7x^3 - 13x^2 - 204x + 180 = 0$$
$$x = \frac{6}{7}, 6, -5$$

$$2x^3 - x^2 - 7x + 6 = 0$$
$$x = \frac{3}{2}, -2, 1$$

$$x^3 + 10x^2 + 16x = 0$$
$$x = -2, -8, 0$$

$$x^3 + 10x^2 + 25x = 0$$
$$x = -5, -5, 0$$

$$x^3 - x^2 - 72x = 0$$
$$x = -8, 9, 0$$

$$x^3 - 49x = 0$$
$$x = 7, -7, 0$$

$$4x^3 - 17x^2 - x + 20 = 0$$
$$x = \frac{5}{4}, 4, -1$$

$$x^3 + 13x^2 + 42x = 0$$
$$x = -7, -6, 0$$