



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$6x^3 + 13x^2 - 339x + 270 = 0$$

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

$$6x^3 - 83x^2 + 305x - 200 = 0$$

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

$$x^3 - 8x^2 - 29x + 180 = 0$$

$$5x^3 + 56x^2 + 127x - 140 = 0$$

$$5x^3 - 81x^2 + 370x - 336 = 0$$

$$x^3 + 4x^2 - 28x + 32 = 0$$

$$x^3 + 9x^2 + 18x = 0$$

$$x^3 + 17x^2 + 72x = 0$$



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$$6x^3 + 13x^2 - 339x + 270 = 0$$
$$x = \frac{5}{6}, 6, -9$$

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

$$6x^3 - 83x^2 + 305x - 200 = 0$$
$$x = \frac{5}{6}, 8, 5$$

$$x^3 + 16x^2 + 73x + 90 = 0$$
$$x = -5, -2, -9$$

$$x^3 - 8x^2 - 29x + 180 = 0$$
$$x = 9, 4, -5$$

$$5x^3 + 56x^2 + 127x - 140 = 0$$
$$x = \frac{4}{5}, -7, -5$$

$$5x^3 - 81x^2 + 370x - 336 = 0$$
$$x = \frac{6}{5}, 8, 7$$

$$x^3 + 4x^2 - 28x + 32 = 0$$
$$x = 2, 2, -8$$

$$x^3 + 9x^2 + 18x = 0$$
$$x = -6, -3, 0$$

$$x^3 + 17x^2 + 72x = 0$$
$$x = -8, -9, 0$$