



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$x^3 + 7x^2 + 12x = 0$$

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

$$x^3 + 12x^2 + 9x - 162 = 0$$

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

$$x^3 - 12x^2 + 35x = 0$$

$$x^3 - 10x^2 + 27x - 18 = 0$$

$$9x^3 - 35x^2 - 462x + 432 = 0$$

$$x^3 - 8x^2 + 7x = 0$$

$$x^3 + 11x^2 + 20x - 32 = 0$$

$$5x^3 + 36x^2 - 77x + 36 = 0$$



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$$x^3 + 7x^2 + 12x = 0$$
$$x = -3, -4, 0$$

$$x^3 + 6x^2 - 7x = 0$$
$$x = 1, -7, 0$$

$$x^3 + 12x^2 + 9x - 162 = 0$$
$$x = 3, -6, -9$$

$$x^3 + 10x^2 + 7x - 18 = 0$$
$$x = -2, 1, -9$$

$$x^3 - 12x^2 + 35x = 0$$
$$x = 5, 7, 0$$

$$x^3 - 10x^2 + 27x - 18 = 0$$
$$x = 3, 1, 6$$

$$9x^3 - 35x^2 - 462x + 432 = 0$$
$$x = \frac{8}{9}, 9, -6$$

$$x^3 - 8x^2 + 7x = 0$$
$$x = 7, 1, 0$$

$$x^3 + 11x^2 + 20x - 32 = 0$$
$$x = -4, -8, 1$$

$$5x^3 + 36x^2 - 77x + 36 = 0$$
$$x = \frac{4}{5}, 1, -9$$