



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

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

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

$$x^3 - 11x^2 + 6x + 144 = 0$$

$$x^3 - 16x^2 + 71x - 56 = 0$$

$$x^3 - 2x^2 - 63x = 0$$

$$x^3 - 16x^2 + 63x = 0$$

$$x^3 + 6x^2 + 8x = 0$$

$$5x^3 + 66x^2 + 184x - 192 = 0$$

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

$$x^3 - 6x^2 - 15x - 8 = 0$$



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

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

$$x = -1, -7, 0$$

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

$$x = -4, -3, 0$$

$$x^3 - 11x^2 + 6x + 144 = 0$$

$$x = 8, -3, 6$$

$$x^3 - 16x^2 + 71x - 56 = 0$$

$$x = 8, 1, 7$$

$$x^3 - 2x^2 - 63x = 0$$

$$x = 9, -7, 0$$

$$x^3 - 16x^2 + 63x = 0$$

$$x = 7, 9, 0$$

$$x^3 + 6x^2 + 8x = 0$$

$$x = -4, -2, 0$$

$$5x^3 + 66x^2 + 184x - 192 = 0$$

$$x = \frac{4}{5}, -8, -6$$

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

$$x = 8, -4, 0$$

$$x^3 - 6x^2 - 15x - 8 = 0$$

$$x = -1, -1, 8$$