



## Solving Cubic Equations

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

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

$$x^3 + 6x^2 - 63x - 392 = 0$$

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

$$6x^3 + 59x^2 + 91x - 196 = 0$$

$$x^3 + 14x^2 + 45x = 0$$

$$x^3 - 67x - 126 = 0$$

$$x^3 + 6x^2 - 40x - 192 = 0$$

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

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

$$x^3 + 13x^2 + 36x = 0$$

$$6x^3 - 67x^2 + 214x - 168 = 0$$



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$$x^3 + 6x^2 - 63x - 392 = 0$$
$$x = -7, 8, -7$$

$$3x^3 + 2x^2 - 32x + 32 = 0$$
$$x = \frac{4}{3}, -4, 2$$

$$6x^3 + 59x^2 + 91x - 196 = 0$$
$$x = \frac{7}{6}, -7, -4$$

$$x^3 + 14x^2 + 45x = 0$$
$$x = -5, -9, 0$$

$$x^3 - 67x - 126 = 0$$
$$x = -2, 9, -7$$

$$x^3 + 6x^2 - 40x - 192 = 0$$
$$x = -8, 6, -4$$

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

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

$$x^3 + 13x^2 + 36x = 0$$
$$x = -9, -4, 0$$

$$6x^3 - 67x^2 + 214x - 168 = 0$$
$$x = \frac{7}{6}, 6, 4$$