



## Solving Cubic Equations

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

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

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

$$x^3 - 18x^2 + 107x - 210 = 0$$

$$9x^3 - 134x^2 + 544x - 384 = 0$$

$$4x^3 - 9x^2 - 43x + 60 = 0$$

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

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

$$9x^3 + 55x^2 - 2x - 48 = 0$$

$$x^3 - 14x^2 + 63x - 90 = 0$$

$$6x^3 - 109x^2 + 551x - 504 = 0$$

$$x^3 - 39x + 70 = 0$$



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

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

$$x = -5, 4, 0$$

$$x^3 - 18x^2 + 107x - 210 = 0$$

$$x = 6, 5, 7$$

$$9x^3 - 134x^2 + 544x - 384 = 0$$

$$x = \frac{8}{9}, 6, 8$$

$$4x^3 - 9x^2 - 43x + 60 = 0$$

$$x = \frac{5}{4}, -3, 4$$

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

$$x = 4, -9, 0$$

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

$$x = -2, -5, 0$$

$$9x^3 + 55x^2 - 2x - 48 = 0$$

$$x = \frac{8}{9}, -1, -6$$

$$x^3 - 14x^2 + 63x - 90 = 0$$

$$x = 6, 3, 5$$

$$6x^3 - 109x^2 + 551x - 504 = 0$$

$$x = \frac{7}{6}, 9, 8$$

$$x^3 - 39x + 70 = 0$$

$$x = 2, 5, -7$$