



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$4x^3 + 3x^2 - 22x + 15 = 0$$

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

$$x^3 + 2x^2 - 59x - 168 = 0$$

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

$$4x^3 - 21x^2 + 32x - 15 = 0$$

$$x^3 - x^2 - 46x - 80 = 0$$

$$6x^3 - 95x^2 + 399x - 270 = 0$$

$$x^3 + 8x^2 + 16x = 0$$

$$7x^3 - 120x^2 + 569x - 504 = 0$$

$$7x^3 - 57x^2 + 126x - 80 = 0$$



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Name: _____

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$$4x^3 + 3x^2 - 22x + 15 = 0$$

$$x = \frac{5}{4}, 1, -3$$

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

$$x = 1, -3, 1$$

$$x^3 + 2x^2 - 59x - 168 = 0$$

$$x = 8, -7, -3$$

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

$$x = -9, -2, -5$$

$$4x^3 - 21x^2 + 32x - 15 = 0$$

$$x = \frac{5}{4}, 1, 3$$

$$x^3 - x^2 - 46x - 80 = 0$$

$$x = -2, -5, 8$$

$$6x^3 - 95x^2 + 399x - 270 = 0$$

$$x = \frac{5}{6}, 6, 9$$

$$x^3 + 8x^2 + 16x = 0$$

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

$$7x^3 - 120x^2 + 569x - 504 = 0$$

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

$$7x^3 - 57x^2 + 126x - 80 = 0$$

$$x = \frac{8}{7}, 5, 2$$