



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$8x^3 + 15x^2 - 347x + 360 = 0$$

$$9x^3 + 73x^2 + 54x - 112 = 0$$

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

$$x^3 + x^2 - 30x = 0$$

$$x^3 - 9x^2 + 8x + 60 = 0$$

$$8x^3 + 15x^2 - 251x + 252 = 0$$

$$x^3 + 10x^2 + 31x + 30 = 0$$

$$x^3 + 3x^2 - 28x = 0$$

$$10x^3 - 89x^2 - 18x + 81 = 0$$

$$x^3 - 15x^2 + 68x - 96 = 0$$



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Name: _____

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$$8x^3 + 15x^2 - 347x + 360 = 0$$

$$x = \frac{9}{8}, -8, 5$$

$$9x^3 + 73x^2 + 54x - 112 = 0$$

$$x = \frac{8}{9}, -7, -2$$

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

$$x = 1, 2, 0$$

$$x^3 + x^2 - 30x = 0$$

$$x = -6, 5, 0$$

$$x^3 - 9x^2 + 8x + 60 = 0$$

$$x = 5, 6, -2$$

$$8x^3 + 15x^2 - 251x + 252 = 0$$

$$x = \frac{9}{8}, -7, 4$$

$$x^3 + 10x^2 + 31x + 30 = 0$$

$$x = -5, -3, -2$$

$$x^3 + 3x^2 - 28x = 0$$

$$x = -7, 4, 0$$

$$10x^3 - 89x^2 - 18x + 81 = 0$$

$$x = \frac{9}{10}, -1, 9$$

$$x^3 - 15x^2 + 68x - 96 = 0$$

$$x = 3, 4, 8$$