



Solving Cubic Equations

Name: _____

Date: _____ Score: _____

$$x^3 - x^2 - 56x = 0$$

$$8x^3 + 23x^2 - 76x + 45 = 0$$

$$x^3 + 12x^2 - x - 252 = 0$$

$$x^3 - 3x^2 - 60x + 224 = 0$$

$$8x^3 - 81x^2 + 225x - 162 = 0$$

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

$$6x^3 - 37x^2 - 109x + 168 = 0$$

$$3x^3 + 17x^2 - 10x - 24 = 0$$

$$x^3 - 7x^2 + 6x = 0$$

$$8x^3 - 89x^2 + 258x - 189 = 0$$



Solving Cubic Equations

Name: _____

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$$x^3 - x^2 - 56x = 0$$

$$x = 8, -7, 0$$

$$8x^3 + 23x^2 - 76x + 45 = 0$$

$$x = \frac{9}{8}, -5, 1$$

$$x^3 + 12x^2 - x - 252 = 0$$

$$x = -9, 4, -7$$

$$x^3 - 3x^2 - 60x + 224 = 0$$

$$x = -8, 7, 4$$

$$8x^3 - 81x^2 + 225x - 162 = 0$$

$$x = \frac{9}{8}, 6, 3$$

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

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

$$6x^3 - 37x^2 - 109x + 168 = 0$$

$$x = \frac{7}{6}, -3, 8$$

$$3x^3 + 17x^2 - 10x - 24 = 0$$

$$x = \frac{4}{3}, -1, -6$$

$$x^3 - 7x^2 + 6x = 0$$

$$x = 6, 1, 0$$

$$8x^3 - 89x^2 + 258x - 189 = 0$$

$$x = \frac{9}{8}, 7, 3$$