



求解三次多项式方程

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

$$6x^3 - 11x^2 - 427x + 360 = 0$$

$$x^3 - 14x^2 + 31x + 126 = 0$$

$$8x^3 + 63x^2 + 31x - 126 = 0$$

$$3x^3 - 4x^2 - 192x + 256 = 0$$

$$x^3 - 7x^2 - 18x = 0$$

$$7x^3 - 6x^2 - 112x + 96 = 0$$

$$x^3 + 8x^2 - 64x - 512 = 0$$

$$x^3 + 16x^2 + 79x + 120 = 0$$

$$x^3 - 8x^2 - 9x + 72 = 0$$

$$8x^3 - 79x^2 + 207x - 126 = 0$$



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姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

$$6x^3 - 11x^2 - 427x + 360 = 0$$

$$x = \frac{5}{6}, -8, 9$$

$$x^3 - 14x^2 + 31x + 126 = 0$$

$$x = 7, -2, 9$$

$$8x^3 + 63x^2 + 31x - 126 = 0$$

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

$$3x^3 - 4x^2 - 192x + 256 = 0$$

$$x = \frac{4}{3}, -8, 8$$

$$x^3 - 7x^2 - 18x = 0$$

$$x = 9, -2, 0$$

$$7x^3 - 6x^2 - 112x + 96 = 0$$

$$x = \frac{6}{7}, 4, -4$$

$$x^3 + 8x^2 - 64x - 512 = 0$$

$$x = -8, 8, -8$$

$$x^3 + 16x^2 + 79x + 120 = 0$$

$$x = -5, -3, -8$$

$$x^3 - 8x^2 - 9x + 72 = 0$$

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

$$8x^3 - 79x^2 + 207x - 126 = 0$$

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