



求解三次多項式方程

姓名: _____

日期: _____ 分數: _____

$$x^3 - 24x^2 + 189x - 486 = 0$$

$$6x^3 - 41x^2 - 66x + 80 = 0$$

$$x^3 + 15x^2 + 62x + 48 = 0$$

$$4x^3 - 33x^2 + 3x + 40 = 0$$

$$10x^3 - 9x^2 - 40x + 36 = 0$$

$$x^3 + 2x^2 - 11x - 12 = 0$$

$$5x^3 + 39x^2 + 16x - 84 = 0$$

$$x^3 - 15x^2 + 62x - 72 = 0$$

$$x^3 - 17x^2 + 94x - 168 = 0$$

$$10x^3 - 39x^2 - 373x + 360 = 0$$



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$$x^3 - 24x^2 + 189x - 486 = 0$$

$$x = 9, 9, 6$$

$$6x^3 - 41x^2 - 66x + 80 = 0$$

$$x = \frac{5}{6}, 8, -2$$

$$x^3 + 15x^2 + 62x + 48 = 0$$

$$x = -6, -8, -1$$

$$4x^3 - 33x^2 + 3x + 40 = 0$$

$$x = \frac{5}{4}, -1, 8$$

$$10x^3 - 9x^2 - 40x + 36 = 0$$

$$x = \frac{9}{10}, 2, -2$$

$$x^3 + 2x^2 - 11x - 12 = 0$$

$$x = -4, 3, -1$$

$$5x^3 + 39x^2 + 16x - 84 = 0$$

$$x = \frac{6}{5}, -7, -2$$

$$x^3 - 15x^2 + 62x - 72 = 0$$

$$x = 2, 4, 9$$

$$x^3 - 17x^2 + 94x - 168 = 0$$

$$x = 7, 6, 4$$

$$10x^3 - 39x^2 - 373x + 360 = 0$$

$$x = \frac{9}{10}, -5, 8$$