



三次多项式因式分解

姓名: _____

日期: _____ 分数: _____

$$x^3 - 11x^2 + 20x + 32$$

$$x^3 - x^2 - x - 15$$

$$x^3 - x^2 - 18$$

$$20x^3 - 21x^2 - 11x + 12$$

$$7x^2 - 49x$$

$$x^3 - 3x^2 + 5x - 36$$

$$x^3 + 4x^2 - 25x - 100$$

$$x^2 + x$$

$$x^3 + 8x^2 + 14x + 12$$

$$x^3 + 8x^2 + 17x + 10$$



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$$\begin{aligned}x^3 - 11x^2 + 20x + 32 \\(x + 1)(x - 8)(x - 4)\end{aligned}$$

$$\begin{aligned}x^3 - x^2 - x - 15 \\(x - 3)(x^2 + 2x + 5)\end{aligned}$$

$$\begin{aligned}x^3 - x^2 - 18 \\(x - 3)(x^2 + 2x + 6)\end{aligned}$$

$$\begin{aligned}20x^3 - 21x^2 - 11x + 12 \\(5x - 4)(x - 1)(4x + 3)\end{aligned}$$

$$\begin{aligned}7x^2 - 49x \\7x(x - 7)\end{aligned}$$

$$\begin{aligned}x^3 - 3x^2 + 5x - 36 \\(x - 4)(x^2 + x + 9)\end{aligned}$$

$$\begin{aligned}x^3 + 4x^2 - 25x - 100 \\(x + 5)(x - 5)(x + 4)\end{aligned}$$

$$\begin{aligned}x^2 + x \\x(x + 1)\end{aligned}$$

$$\begin{aligned}x^3 + 8x^2 + 14x + 12 \\(x + 6)(x^2 + 2x + 2)\end{aligned}$$

$$\begin{aligned}x^3 + 8x^2 + 17x + 10 \\(x + 2)(x + 1)(x + 5)\end{aligned}$$