



Nome: _____

Encontro: Data: _____ Pontuação: _____

$$x^3 + 5x^2 - 10x + 28$$

$$x^3 + 16x^2 + 84x + 144$$

$$48x^3 + 146x^2 + 147x + 49$$

$$x^3 + 4x^2 - 2x + 15$$

$$x^3 + 5x^2 - 9x - 45$$

$$x^3 + 6x^2 - x - 6$$

$$x^3 - 4x^2 - 39x - 54$$

$$x^3 - 10x^2 + 25x - 72$$

$$32x^3 - 244x^2 - 123x + 216$$

$$x^3 + 3x^2 - 2x + 40$$



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$$x^3 + 5x^2 - 10x + 28$$
$$(x + 7)(x^2 - 2x + 4)$$

$$x^3 + 16x^2 + 84x + 144$$
$$(x + 4)(x + 6)(x + 6)$$

$$48x^3 + 146x^2 + 147x + 49$$
$$(8x + 7)(x + 1)(6x + 7)$$

$$x^3 + 4x^2 - 2x + 15$$
$$(x + 5)(x^2 - x + 3)$$

$$x^3 + 5x^2 - 9x - 45$$
$$(x - 3)(x + 3)(x + 5)$$

$$x^3 + 6x^2 - x - 6$$
$$(x + 6)(x - 1)(x + 1)$$

$$x^3 - 4x^2 - 39x - 54$$
$$(x - 9)(x + 2)(x + 3)$$

$$x^3 - 10x^2 + 25x - 72$$
$$(x - 8)(x^2 - 2x + 9)$$

$$32x^3 - 244x^2 - 123x + 216$$
$$(8x + 9)(x - 8)(4x - 3)$$

$$x^3 + 3x^2 - 2x + 40$$
$$(x + 5)(x^2 - 2x + 8)$$