



Nome: _____

Encontro: Data: _____ Pontuação: _____

$$12x^3 + 5x^2 - 17x - 10$$

$$18x^3 - 7x^2 - 21x + 10$$

$$x^3 + 11x^2 + 24x + 54$$

$$x^3 - 31x + 30$$

$$8x^2 - 64x$$

$$x^3 + x^2 - 56x + 144$$

$$7x^2 + 49x$$

$$4x^2 + 16x$$

$$x^3 - 4x^2 - 49x + 196$$

$$x^3 - 2x^2 + 5x - 24$$



Nome: _____

Encontro: Data: _____ Pontuação: _____

$$12x^3 + 5x^2 - 17x - 10$$
$$(4x - 5)(x + 1)(3x + 2)$$

$$18x^3 - 7x^2 - 21x + 10$$
$$(2x - 1)(x - 1)(9x + 10)$$

$$x^3 + 11x^2 + 24x + 54$$
$$(x + 9)(x^2 + 2x + 6)$$

$$x^3 - 31x + 30$$
$$(x - 5)(x - 1)(x + 6)$$

$$8x^2 - 64x$$
$$8x(x - 8)$$

$$x^3 + x^2 - 56x + 144$$
$$(x + 9)(x - 4)(x - 4)$$

$$7x^2 + 49x$$
$$7x(x + 7)$$

$$4x^2 + 16x$$
$$4x(x + 4)$$

$$x^3 - 4x^2 - 49x + 196$$
$$(x - 7)(x - 4)(x + 7)$$

$$x^3 - 2x^2 + 5x - 24$$
$$(x - 3)(x^2 + x + 8)$$