



Nom: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

$$x^3 + 16x^2 + 76x + 96$$

$$8x^3 + 73x^2 + 58x - 112$$

$$6x^2 - 36x$$

$$5x^2 - 25x$$

$$30x^3 + 329x^2 + 559x + 252$$

$$4x^3 + 11x^2 + 6x$$

$$x^3 + 7x^2 + 14x + 8$$

$$x^3 + x^2 - 34x + 56$$

$$21x^3 - 17x^2 - 16x + 12$$

$$x^3 - 8x^2 + 12x - 35$$



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$$x^3 + 16x^2 + 76x + 96$$
$$(x + 6)(x + 8)(x + 2)$$

$$8x^3 + 73x^2 + 58x - 112$$
$$(8x - 7)(x + 8)(x + 2)$$

$$6x^2 - 36x$$
$$6x(x - 6)$$

$$5x^2 - 25x$$
$$5x(x - 5)$$

$$30x^3 + 329x^2 + 559x + 252$$
$$(5x + 4)(x + 9)(6x + 7)$$

$$4x^3 + 11x^2 + 6x$$
$$x(x + 2)(4x + 3)$$

$$x^3 + 7x^2 + 14x + 8$$
$$(x + 2)(x + 4)(x + 1)$$

$$x^3 + x^2 - 34x + 56$$
$$(x - 2)(x - 4)(x + 7)$$

$$21x^3 - 17x^2 - 16x + 12$$
$$(7x + 6)(x - 1)(3x - 2)$$

$$x^3 - 8x^2 + 12x - 35$$
$$(x - 7)(x^2 - x + 5)$$