



## Factorisation de polynômes cubiques

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

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

$$4x^2 - 16x$$

$$3x^2 + 9x$$

$$36x^3 - 121x^2 - 271x - 120$$

$$6x^2 + 36x$$

$$4x^2 + 16x$$

$$5x^3 - 29x^2 - 42x$$

$$x^3 + 9x^2 + 15x + 56$$

$$x^3 - x^2 - 26x - 24$$

$$x^2 - x$$

$$x^3 + 10x^2 + 20x + 32$$



## Factorisation de polynômes cubiques

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

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$$4x^2 - 16x$$

$$4x(x - 4)$$

$$3x^2 + 9x$$

$$3x(x + 3)$$

$$36x^3 - 121x^2 - 271x - 120$$

$$(4x + 3)(x - 5)(9x + 8)$$

$$6x^2 + 36x$$

$$6x(x + 6)$$

$$4x^2 + 16x$$

$$4x(x + 4)$$

$$5x^3 - 29x^2 - 42x$$

$$x(x - 7)(5x + 6)$$

$$x^3 + 9x^2 + 15x + 56$$

$$(x + 8)(x^2 + x + 7)$$

$$x^3 - x^2 - 26x - 24$$

$$(x - 6)(x + 1)(x + 4)$$

$$x^2 - x$$

$$x(x - 1)$$

$$x^3 + 10x^2 + 20x + 32$$

$$(x + 8)(x^2 + 2x + 4)$$