

# HOW TO READ POLYNOMIALS IN ENGLISH!

**POLYNOMIALS**

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The Learning App

The diagram illustrates the components of the polynomial  $5x^2 + 2y - 7$ . Brackets and lines connect the following labels to their corresponding parts in the expression:

- Coefficient**: points to the number 5.
- Exponent**: points to the number 2.
- Variable**: points to the letter x.
- Operator**: points to the plus sign (+).
- Variable**: points to the letter y.
- Constant**: points to the number 7.

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<b>WE WRITE</b>	<b>WE SAY</b>
$(x + 1)^2$	x plus 1 whole square
$(2x + 4)^2$	2x plus 4 whole square
$x^2 - 6x + 9$	x square minus 6x plus 9
$4x^2 - 12x + 9$	4x square minus 12x plus nine
$(x + 4)(x - 4)$	x plus 4 multiplied by x minus 4
$(2x + 2)(2x - 2)$	2x plus 2 multiplied by 2x minus 2