

# Polynomials (5.1)

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- Variable - letter that is a place-holder for a value. Its value can change
  - coefficient - value in front of variable or brackets. It multiplies to value its touching
  - constant - value with no variable
- \* operations:

the sum of = means add

the difference = means subtract

the product = means multiply

the quotient = means divide

squared = means  $\square^2$

cubed = means  $\square^3$

ex: Write as an expression

a) the sum of seven and four

$$7 + 4$$

b) the product of six and two squared  
 $(6 \times 2)^2$