

# 1.1 Variables in Algebra

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- Variable: A letter (symbol) used to represent a range of numbers.  $x, y, z, \pi, \alpha, \text{😊}$

- Variable Expression: a math expression that consists of constants, variables, and operations.

$2x + 4$

ex 1):  $3x + 5$

3 times 'x' plus 5

- Numerical Expression: a math Expression that represents a particular Number.

ex 2 |  $180 \cdot 2 = 360$

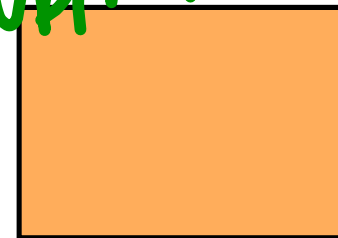
ex 3 |  $40 + 25(2)$

40 plus 25 times 2

# Describe the Variable Expression

Var. Exp.	Meaning	Operation
$9y, 9 \cdot y, 9(y)$	9 times $x$	Multiply
$\frac{16}{b}, 16 \div b$	16 divided by $b$	Division
$4 + s$	four plus $s$	adding

ex 4)  $13 - x$  13 minus  $x$  subtract



O.T.L.

① pg 6-7: 1-45(o)