

1.1 Variables in Algebra

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- Variable: A letter (symbol) used to represent a range of numbers. $a, x, \alpha, \gamma, \infty, \odot$

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

$$2x + 4$$

ex 1): $3x + 5$

3 times 'x' plus 5

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

ex2) $180 \cdot 2 = 360$

ex3) $40 + 25(2)$

40 plus 25 times 2

Describe the Variable Expression

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

$x4) 13 - x$ | 13 minus x | Subtract



O.T.L.

① pg 6-7: 1-45(o)