

Algebra Foundations

Variable - letters used to represent quantities
(either unknown or can vary)

Constant - value that does NOT change

Numerical Expression - only contains constants & operations
ex: 3^*-4

Algebraic Expression - contains constants, variables, & operations
ex: $3n+2$

Evaluate - solve the expression by plugging in #s for variables

Absolute Value - a #'s distance from zero on a #line

ex: $|5|=5$ $|-5|=5$ $-|-5|=-5$

abs value signs act like parentheses in GEMDAS

Opposites - a # and its opposite are the same distance from zero on a #line (same abs value) and their sum = 0

Additive Inverse - same as opposite