

Grade 6 - Module 4

Terminology

New or Recently Introduced Terms

- **Equation** A mathematical statement containing an equal sign, to show that two expressions are equal.
- **Expression** One or more terms that may include variables, constants, and operations.
 - **Example** $3(x+y) - 8 + 2y$
- **Simple Expression** A *simple expression* is a number, a letter that represents a number, a product whose factors are either numbers or letters involving whole number exponents, or sums and/or differences of such products. Each product in a simple expression is called a *term*, and the evaluation of the numbers in the product is called the *coefficient of the term*.
- **Equivalent expressions** A number sentence is said to be *true* if both numerical expressions are equivalent.
- **Variable** A letter or symbol used to represent a number.
- **Coefficient** The numerical factor of a term containing a variable.
 - **Example** In $7x + 3$, the coefficient is 7.
- **Inequality** Not equal in size, amount, or value. An inequality is the opposite of equality.
 - **Example** $4 > -7$

Familiar Terms and Symbols¹

- Distribute
- Expand
- Factor
- Number Sentence
- Product
- Properties of Operations (distributive, commutative, associative)
- Quotient
- Sum
- Term
- True or False Number Sentence
- Variable or Unknown Number

Suggested Tools and Representations

- Bar model
 - Geometric figures
 - Protractors
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