**Arithmetic Expressions**:

An expression in math is a statement involving at least two different numbers (known or unknown) and at least one operation.

Operations may include addition, subtraction, multiplication, division, exponents, and roots. Perhaps the most important thing that defines an expression is what it doesn't have. Math expressions do not contain an equals sign (or a less than, greater than, or similar relation).

**Example:**

3+5

Operations: Addition (+), Subtraction (-), Multiplication (\*), Division (/), Exponentiation (^), etc.

**operator operation example Result**

+ addition 33 + 67 100

- subtraction 1024 - 256 768

\* multiplication 12 \* 12 144

/ division 144 / 12 12

% remainder 10 % 3 1

**Algebraic Expressions:**

Example:

2x + 3y

May involve variables (like *x* and *y*) along with arithmetic operations.