Name: _____

Basic Algebra Vocabulary

In algebra, a **variable** is an unknown quantity. It is often represented by a letter. With a red crayon, circle the variables (or unknown amount) in each of the expressions below.

$6 + x$ $y - 9$ $8z$ $\dfrac{16}{v}$

A **constant** is a quantity with a value that does not change. It is usually represented by a number. With a blue crayon, circle the constants (or numerical amounts) in each of the expressions below.

$4 + n$ $d - 9$ $2 - m$ $5 + a$

An **expression** is a mathematical phrase with constants, variables, and/or operation symbols. Below each expression, tell what operation is used. Write <u>addition</u>, <u>subtraction</u>, <u>division</u>, or

expressions are equal. Tell whether each item below is an <u>equation</u> or <u>expression</u>.

$9 - n = 15$ $\dfrac{9}{b}$ $2c = 4$ $8 + a$

_____   _____   _____   _____

$$\boxed{2 + x = 12 + 7}$$

Is the mathematical statement shown
above an equation or an expression? _____

How many variables are in this statement? _____   How many constants? _____

Basic Algebra Vocabulary

In algebra, a **variable** is an unknown quantity. It is often represented by a letter. With a red crayon, circle the variables (or unknown amount) in each of the expressions below.