

Name: _____

Date _____

: Hour: _____

Unit 2 Study Guide
Algebraic Expressions

$$-5a - 7 + 5d + h$$

Terms:

Variables:

Coefficients:

Constants:

$$7m - 5 - n - 8k$$

Terms:

Variables:

Coefficients:

Constants:

Identify each part of the algebraic expression as the coefficient, constant, or variable.

1. $4x - 12$

4 is a(n) coefficient

x is a(n) variable

12 is a(n) constant

2. $a + 3b$

a is a(n) variable

3 is a(n) coefficient

b is a(n) variable

2- Objective: I can Simplify variable expressions involving Combining like terms and the distributive property & Properties of Operations(PEMDAS)

Like Terms: terms that have the similar variables &/or constant.

Coefficient: a number (integers/decimals/fraction) of a term with a variable

Unlike Terms: terms with unsimilar variables

Combining Like Terms: the process of Adding / subtracting Like (similar) Terms.

Distributive Property: allows you to distribute (multiply) each term inside a set of parentheses by a factor outside the parentheses