

1-4 The Distributive Property

Alg 1

For any numbers a , b , and c ,

$$a (b + c) = ab + ac$$

$$a (b - c) = ab - ac$$

Examples: $4 (3 + 5) =$

$$(6 - 4) 2 =$$

$$9 (x + 5) =$$

$$2 (3x^2 + 4x - 1) =$$

Term : #, variable or product/quotient of #'s and variables

_____ Examples:

Like Terms: SAME variables with SAME Exponents

_____ Examples:

Simplest Form: NO like terms and NO parenthesis

Examples:

Coefficient: Numerical factor of a term.

Examples:

Example: Combine Like Terms

Simplify each expression:

a) $15x + 18x =$

b) $4x + 3x^2 - x^2$

