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NAME	DATE	
Module 2	Writing and Simplifying Algebraic	hebium
Losson A	Expressions	guiaea
L622011 4		notes
Lessor	n Objectives	Annen
<ul> <li>Recog</li> <li>Use li</li> <li>Add a</li> </ul>	gnize like terms. ike terms to simplify expressions. and subtract polynomials both vertically and horizontally.	
A	is a number, a variable, or a product of	
numbers ar	nd variables.	
A	is the numerical factor of a term.	
	are terms whose variable factors are exactly the s	same.
To combine	like terms, combine the	
1 Simpli	fy: 3a + 5a + 6b - 3b	
In the expre	ession, $2ab^2 + 3a^2b + 4a^2b$ , the terms that have exactly the s	same
variable fac	ctors are	
The express	sion $2ab^2 + 3a^2b + 4a^2b$ simplifies to	
2 Identif	y like terms: 3x, 2xy, –3x, –y, 4xy, 2y	
Like terms o	are terms that contain the same variables with corresponding	9
variables h	aving the same	
3 Identif	y like terms: 2x <sup>2</sup> y <sup>3</sup> , 4x <sup>3</sup> y <sup>2</sup> , 3x <sup>3</sup> y <sup>2</sup>	
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A \_\_\_\_\_\_ is a monomial, or the sum of monomials.

A \_\_\_\_\_\_ is an expression that consists of just one term.

Polynomials can be added and subtracted vertically.

When problems are arranged vertically, similar terms are in the

When subtracting polynomials, \_\_\_\_\_\_ the opposite of each

term of the \_\_\_\_\_\_ polynomial to the first polynomial.

4 Subtract:  $(x^2 - 5x + 6) - (x^2 - 5x - 6)$ 

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