



# GCF: Factoring Polynomials Worksheet #1

Name \_\_\_\_\_

Directions: Use distributive property or upside down division to rewrite the expression.

	<b>FACTORED FORMAT:</b>	<b>MULTIPLIED &amp; SIMPLIFIED FORMAT:</b>
1.	$4(x + 3)$	
2.		$21x - 14$
3.		$4x^2 + 12x$
4.	$2xy(3x + 5y)$	
5.		$10x^2y + 15x$
6.	$2a(5a - 7)$	
7.		$-63x^2 - 18x + 45$
8.		$51abc^2 - 21abc - 15ab$
9.		$-30x^3 - 75x^2 - 105x + 45$
10.		$-32x + 16y$
11.	$-28x(2x - 7)$	
12.		$-15x + 5$
13.	$3abc(2ab - c)$	
14.	$5ab$  $(4a - 3b)$	What is the Area?
15.	Length: _____ 	Area is $7y^2 - 3y$ . $y$ 