GCF and LCM – Pre-2

Topic: GCF and LCM **Date:**

Objectives: SWBAT (Identify the GCF and LCM of a list of given values)

Main Ideas:	Assignment:	
Chalk Talk Notes		
Examples - GCF	$24, 28$	$36, 32, 48$
	$66xy, 30x^2y$	$105x^2y, 30x^3y^5, 75x^4y^2$

Examples - LCM	$48, 64$	$35, 25, 15$
	$18xy^2, 15y^3$	$28b^2, 20ab^3, 16a^2b^4$
Your Turn	Find the **GCF** and **LCM** of each group of values or expressions.	
	$30, 25, 10$	$16x^2y, 32x$
	$36m^2n^2, 30n^2, 36n^4$	$14xy, 38x^2, 28x^3y^2$
Upper Level	$(x+2)^2, (x-3)(x+2)$	$(x^2+3x-7), (x^2+3x-7)(x-9)$
	$(x-1)^3(x+5)^2, (x-1)^2(x+7)$	$(x^2+2x-1)(x-3), (x^2+2x-1)(x+1)^2$