

# GCF1

Name: \_\_\_\_\_  
Mr. Art

Date: \_\_\_\_\_  
Period: \_\_\_\_\_

## Factoring GCF Method

<u>Example:</u> $3x - 3y$ $3(x - y)$		<u>Steps:</u> 1) Factor out GCF (both the $3x$ and $3y$ have 3 in common) 2) When factoring out a positive $\rightarrow$ signs remain the same (signs inside the parentheses) 3) When factoring out a negative $\rightarrow$ signs change (positive $\rightarrow$ negative) (Negative $\rightarrow$ positive)	
1) $xc - xd$		2) $3m - 6n$	
3) $18c + 27d$		4) $7y - 7$	
5) $y^2 - 3y$		6) $ax - 5ab$	
7) $8a + a^2b^2$		8) $x^3y^2 + x^2y$	