

Name _____

Date _____

Mr. Tallman

Homework #49 - Factoring Using GCF**Factor the following expressions using GCF.**

1) $12x - 20$	2) $4x + 18$
3) $8x + 12$	4) $20x - 40$
5) $-2x - 18 + 4y$	6) $14x - 35y + 21$
7) $12x^2 + 18x - 15$	8) $12xy + 6x - 18y + 12$

Simplify the following by using the distributive property and/or combining like terms.

9) $(3x + 7) - (9x + 4)$

10) $8x + 7 - 5x - 12$

11) $-8(x - 7) + 3x$

12) $(4x - 7) + (-5x - 8)$

