

NAME _____

HW # _____

1. Name two numbers in the following set that are relatively prime: {5, 16, 10, 25}

2. Rewrite each expression below in factored form by factoring out the GCF.

a. $9x + 27$	b. $8x + 2$	c. $15w - 30$	d. $36a + 16b$
e. $21m - 49n$	f. $49x - 7$	g. $18x + 24$	h. $10x + 50$
i. $12y - 16$	j. $36k - 30$	k. $2x - 50$	l. $32v + 52w$
m. $17x + 51$	n. $18y - 36$		

3. Sally tried to factor the expression $18x - 24$ using the GCF. Did she factor the expression correctly?

Expression: $18x - 24$

Factored Form: $2(9x - 12)$

4. a.) Simplify the expression: $4(x - 5) + 6(x + 2)$

b.) Rewrite your simplified expression from (a) in factored form.