

Math 8

Name _____ **Period** _____

HW # 3

Simplify the following

1. $3(x - 4)$

2. $-2(n + 3)$

3. $5(3x - 4)$

4. $-(2y - 3)$

5. $2x - 5 + 5x$

6. $-4 - 3x - 5x + 6$

7. $4(n - 2) + 3n$

8. $6n + 3(2n - 3)$

9. $-3(x - 3) - 4x$

10. $4 - 3(n - 3)$

11. $-3 - (2x + 2) + 5x$

12. $-x + (x - 4) - 2(x + 10)$

13. Explain the steps needed to simplify the expression shown below. Be sure to provide the correct simplification in your answer.

$$4(x - 10) - 6x + 30$$
