

Name \_\_\_\_\_

Date \_\_\_\_\_

## Homework #45 ~ Simplifying Algebraic Expressions

Directions: Simplify the following algebraic expressions. SHOW ALL WORK.

1)  $-4(-t + 7) + 5(4 + 8t)$

2)  $8(z + 7) + 8$

3)  $2(4b + 7 + 5b^2) - b$

4)  $6 - 3x + x - 1 - 10 + 2x$

5)  $-4 + 7(-6t - 9)$

6)  $-3k^2 + 3k + 10 + 3k^2 - 8$

7)  $-8 + 3(-3n - 3)$

8)  $-(-2v - 9 + 6v^2) + 9v$