

Name: \_\_\_\_\_

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

**Simplify,** Combine like terms for each expression.

1)  $16p + 7 - 12p$

2)  $13x + 4 + 2x$

3)  $12m + 14n - 7m + 3n + 5$

4)  $10m + 90 + 65n + 13m - 3n$

5)  $2y + 8 + 4y$

6)  $p + 23 - 4$

7)  $15p + 1q - 5p + 3q + 90$

8)  $13x + 11y - 3x + 3y + 9$

9)  $13q + 12r - 12q + 5r + 10$

10)  $a + 70 - 35$

Name \_\_\_\_\_ Date \_\_\_\_\_

**3.1 Practice B**

Write each expression using exponents.

1.  $m \cdot m \cdot m \cdot m$

2.  $f \cdot g \cdot g \cdot g$

3.  $7.4 \cdot x \cdot x \cdot y \cdot y$

Evaluate the expression when  $c = 6$ ,  $d = 8$ , and  $e = 16$ .

4.  $c + 12$

5.  $\frac{d + e}{c}$

6.  $3e - c$

7.  $4d + 3$

8.  $48 \div d$

9.  $\frac{2d}{e}$

10. Copy and complete the table.

$x$	5	8	12
$9x - 5$			
$x^2 + 4$			
$2x^2 + 3x$			