

Lesson 4.5 ~ Simplifying Expressions

Name _____ Period _____ Date _____

1. Examine the expression $5x + 9 - 2x - 7y$.

a. Which terms are like terms?

b. What is the coefficient of the y term?

c. Write the expression in simplified form.

Simplify each algebraic expression.

2. $4y + 6x + 5x - 2y$

3. $a + 2b + a + b - 2a$

4. $14 - 3m + 2m - 10 - 5m$

5. $7(x + 3) - 20$

6. $-4h + 8 + 9h - 1 + 3h - 7$

7. $2(y + 5) + 3y - 4$

8. $-3(p - 1) + 9p + 2$

9. $-3x + 4(x + 5) + 1$

10. $10 - 4(m + 1)$

11. $5 + 3(2y - 4) - 11y$

12. $5(x + 2) + 2(x - 3)$

13. $4g - 2g - 3(g - 2)$