

Name \_\_\_\_\_

Date \_\_\_\_\_

# Algebra Expressions *Answers*

## I. Complete the expressions using the order of operations.

1.  $6 + 18 \div 9 - 2 \times 2 = 4$

2.  $10 \div 5 + 7 - 1 \times 5 = 4$

3.  $8 \times 3 - 4 + 12 \div 2 = 26$

4.  $20 - 3 \times 3 + 10 \div 2 = 16$

5.  $21 \div 3 + 7 - 4 \times 1 = 10$

6.  $4 \times 8 - 20 + 24 \div 3 = 20$

7.  $11 - 2 \times 5 + 14 \div 7 = 3$

8.  $9 + 6 \times 5 - 16 \div 1 = 23$

## II. Combine like terms.

1.  $3x + 4x = 7x$

2.  $10x - 3x = 7x$

3.  $x + 7x = 8x$

4.  $2y + 9y = 11y$

5.  $5y - 4y = y$

6.  $12y - 3y = 9y$

7.  $2x + 3y - x = x + 3y$

8.  $4y - 4x + 2y = 6y - 4x$

9.  $6x - y + x = 7x - y$

10.  $5x + 2y - x + 4y = 4x + 6y$

11.  $10y - 2y - 5x + 9x = 8y - 4x$

12.  $x + y + 6x + 7y = 7x + 8y$

13.  $2y + 8y - 3x + y = 11y - 3x$