MATH 7 · UNIT 4, LESSON 3 · TILE 3 · EXTRA PRACTICE

Expand, Then Combine: Extra Practice

Expand every set of parentheses first, then combine like terms. Never add the number in front to something outside the parentheses.

Name: _____ Date: _____

1. Simplify $2(x + 5) + 3x$

2. Simplify $4(y - 1) + 2(y + 3)$

3. Simplify $8 + 3(2a - 1)$

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

5. Simplify $3(m - 2) - 2(m - 6)$

6. Simplify $-(x - 5) + 4(2x + 1)$

7 Five friends each buy a sandwich for s dollars and a 2 dollar cookie. They use one 4 dollar coupon. Write the total cost simplified.

8 Simplify $2(3x + 1) + 3(x - 2) - 5$