MATH 7 · UNIT 4, LESSON 3 · TILE 1 · EXTRA PRACTICE

The Area Picture: Extra Practice

The number outside multiplies every term inside, the way the height of a rectangle goes to every piece of its width. Write each product, then add them.

Name: _____ Date: _____

1. Expand 3(x + 7)

2. Expand 5(3y + 2)

3. Expand 2(6a + 5b)

4. Expand 4(x + 3y + 2)

5. Expand 8(2m + 1)

6. A rectangle is 6 units tall and 2x + 5 units wide. Write its area without parentheses.

7 Three friends each buy a ticket for t dollars and a 4 dollar drink. Write the total two ways.

8 Expand 10(a + b + c)