Lesson 6 Homework Practice

The Distributive Property

Find each product mentally. Show the steps you used.

1. 8×34

2. 5×47

3. $12 \times 4\frac{3}{4}$

4. $8 \times 3\frac{3}{4}$

5. 6×4.4

6. 7×2.9

Use the Distributive Property to rewrite each algebraic expression.

7. $6(n + 4)$

8. $15(2 + r)$

9. $8(s + 5)$

10. $3(b + 8)$

11. $5(6 + b)$

12. $9(3 + v)$

13. $7(r + 7)$

14. $12(4 + v)$

15. $11(3 + s)$

16. MOVIES Use the table that shows the prices of tickets and various food items at the movie theater.

Item	Price
Ticket	$8.50
Popcorn	$5.25
Soda	$4.00
Candy	$3.75
Nachos	$6.50

    a. Four friends each bought a ticket and a bag of popcorn. How much total money did they spend?

    b. How much money will the movie theater make if a birthday party of 12 kids each buys a box of candy and a soda but does not go see a movie?

    c. How much more money will a person spend who buys three orders of nachos than a person who buys three bags of popcorn?