NAME _____ DATE _____ PERIOD _____

Lesson 4 Problem-Solving Practice

The Distributive Property

1. SCHOOL PLAY Marika and her three friends attended the school play. Tickets cost $5.75 each, and Marika paid for everyone. Find the total cost of the tickets. Justify your answer by using the Distributive Property.

2. LUNCH Althea buys a carton of milk each day at school. The milk costs $0.90. How much does she spend on milk during a typical 5-day week? Justify your answer by using the Distributive Property.

3. BOOKSTORE The sign below indicates the cost for several items at Ting's middle school bookstore. If Ting wants to buy two of each item, how much will it cost? Justify your answer by using the Distributive Property.

Item	Price ($)
Pencil	1.00
Pen	2.50
Notebook	3.00

4. HOCKEY The table shows the price of a ticket and food items at a hockey game.

a. Suppose Coleman and two of his friends go to the game. Write an expression that could be used to find the total cost for them to go to the game and buy one of each item.

b. What is the total cost for all three people?

Item	Cost ($)
Ticket	7.00
Hot dog	3.50
Fries	2.25
Candy bar	1.50

5. PICTURES Belinda wants to buy 5 pictures to hang in her family room. If each picture costs $30.90, how much will it cost her to buy all five? Justify your answer by using the Distributive Property.

6. FLASH DRIVES Mr. Kaplan is ordering 30 flash drives for the students in his class. If each one costs $11.95, how much will he pay? Justify your answer by using the Distributive Property.

7. FORMULA Mr. and Mrs. Newby are buying baby formula. Each case of formula costs $59.89. If they want to purchase four cases, how much will they pay? Justify your answer by using the Distributive Property.

8. TIRES Mao needs four new tires for his car. Each tire costs $88.70. How much will it cost him to buy the tires? Justify your answer by using the Distributive Property.