1-7 • Guided Problem Solving

GPS **Exercise 80**

Suppose you buy 4 cans of tomatoes at $1.02 each, 3 cans of tuna for $.99 each, and 3 boxes of pasta at $.52 each. Write an expression to model this situation. Then use the Distributive Property to find the total cost.

Read and Understand

1. What is the Distributive Property? _____

2. What type of information is given to you in the problem? _____

Plan and Solve

3. Write an expression that shows how to
   determine the total amount spent on tomatoes. _____

4. Write an expression that shows how to
   determine the total amount spent on tuna. _____

5. Write an expression that shows how to
   determine the total amount spent on pasta. _____

6. Write an expression that models the
   total amount of money you will spend. _____

7. Use the Distributive Property to find the total cost. _____

Look Back and Check

8. Check the reasonableness of your answer by rounding the cost of
   each item and estimating the total cost. _____

Solve Another Problem

9. In order to paint your bedroom, you buy 2 gallons of paint that
   cost $10.50 each, 3 paint brushes that cost $2.99 each, and 2 paint
   rollers that cost $1.25 each. Write an expression to model this
   situation. Then use the Distributive Property to find the total cost.