$\qquad$ Date $\qquad$ Class $\qquad$

## Lesson Ready to Go On? Problem Solving Intervention <br> 1-3. Order of Operations

When you write an expression to solve a problem, keep in mind the order of operations.
Tickets for a show cost $\$ 3$ for children, $\$ 9$ for adults, and $\$ 5$ for senior citizens. Two groups of people are buying tickets. There are 6 children, 4 adults, and 3 senior citizens in each group. Write and solve an expression to find the total ticket cost for both groups.

## Understand the Problem

1. What is the problem asking you to find?
2. Underline the information in the problem that you will use to write an expression for the total.

## Make a Plan

3. How can you find the cost for 6 children?
4. If you know the cost for one group, how can you find the cost for both groups?

## Solve

5. Write an expression for the cost in dollars for one group. Why don't you need parentheses?
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$\qquad$
6. Write an expression for the cost in dollars for both groups.
7. What is the total cost for the two groups? $\qquad$

## Look Back

8. Find the total cost another way. Find the sum of the cost for all 12 children, all 8 adults, and all 6 senior citizens.

