

Name \_\_\_\_\_ Date \_\_\_\_\_

# Reasonable Answers

CA Standards  
MR 3.1, NS 3.4

After you have solved a problem, you can look back and decide whether the answer is reasonable.

Lucy is earning \$0.90 each week by watering plants and removing trash bags from her family's house. After 4 weeks doing these chores, how much money will Lucy have earned? She answers: **\$1.80**

### Step 1

First, ask yourself if the answer is reasonable. This problem requires adding or multiplying to find a sum of money. It makes sense that Lucy has more money than she started with, so the answer is reasonable.

### Step 2

Now solve the problem to see if the answer is correct.

$$\$0.90 + \$0.90 + \$0.90 + \$0.90 = \$3.60$$

**Solution:** The answer is reasonable but not correct.

Tell whether the answer is reasonable. Then solve the problem and tell if the answer is correct.

- Otis lives 0.4 miles from his school. If he walks back and forth to school, how far has he walked in all? He answers: **2.4 miles**

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- Quinn is gathering ingredients to do some baking with her father. The recipe calls for  $\frac{3}{4}$  of a cup of milk. Quinn and her father plan to double this recipe. How much milk will they include? She answers:  **$1\frac{1}{2}$  cups**

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**Writing Math** Explain the steps you used to solve problem 2.

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