Problem-Solving Strategy:
Guess and Check

Read It Look for information.
There are two numbers whose sum is 8 and whose quotient is 3. What are the two numbers?

Picture It You can use Guess and Check to find the two numbers.

<table>
<thead>
<tr>
<th>Guess</th>
<th>Check Sum</th>
<th>Check Quotient</th>
</tr>
</thead>
<tbody>
<tr>
<td>7, 1</td>
<td>7 + 1 = ___</td>
<td>7 ÷ 1 = ___</td>
</tr>
<tr>
<td>4, 4</td>
<td>4 + 4 = ___</td>
<td>4 ÷ 4 = ___</td>
</tr>
<tr>
<td>6, 2</td>
<td>6 + 2 = ___</td>
<td>6 ÷ 2 = ___</td>
</tr>
</tbody>
</table>

Solve It Use the table to solve the problem.
1. Find each sum. Write your answer in the table. Check table.
2. Find the quotient. Write your answer in the table. Check table.
3. _____ and _____ have a sum of 8 and a quotient of 3.

Try These! Use Guess and Check to solve.

4. Courtney and Kyle’s ages have a sum of 9. Kyle is 3 years older than Courtney. How old are Courtney and Kyle?

5. A total of 12 goals were scored in the field hockey game. The Bulldogs beat the Ravens by 2 points. How many points did each team score during the game?

6. Mrs. Kendall bought 2 pairs of pants at the store for $39.00. The blue pair of pants cost $5.00 less than the brown pair of pants. How much did each pair of pants cost?