Problem Solving: Writing to Explain

David is making 3 pancakes for each person in his family. Today, there are 6 family members at breakfast. How many pancakes does he need to make? Explain how you can solve this problem.

You can make a table to solve this problem.

As the number of people increases by 1, the number of pancakes David needs to make increases by 3.

<table>
<thead>
<tr>
<th>People</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pancakes</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>12</td>
<td>15</td>
<td>18</td>
</tr>
</tbody>
</table>

3 + 3 = 6 + 3 = 9 + 3 = 12 + 3 = 15 + 3 =
6 9 12 15 18

David needs to make 18 pancakes.

1. Marcia got on an elevator on the fourth floor. She went down 2 floors. Then she went up 6 floors. Then she went down 3 floors. What floor is Marcia on now?

2. Explain It How did you find your answer to Exercise 1?

3. Look at the numbers below. 75, 74, 72, 69, 65, ...
   a. Describe the pattern.
   b. What are the next two numbers in the pattern?

4. Ms. Skidmore is setting up basketball teams. There are 5 players on each team.
   a. Complete the table below.
   b. Describe the pattern by how the number of teams and players change.