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.

People	1	2	3	4	5	6
Pancakes	3	6	9	12	15	18

$$3 + 3 = 6 \quad 6 + 3 = 9 \quad 9 + 3 = 12 \quad 12 + 3 = 15 \quad 15 + 3 = 18$$

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.

Teams	1	2	3	4	5
Players	5	10	15		

   b. Describe the pattern by how the number of teams and players change.

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