Problem Solving: Writing to Explain

1. Look at the numbers below.
13, 15, 19, 25, …

   a. Describe the pattern.

   _____

   _____

   b. Explain how you can find the next two numbers. What are the next two numbers?

   _____

   _____

2. Mr. Wilson is setting up volleyball teams. There are 6 players on a team.

   a. Complete the table below.

Teams	1	2	3	4	5
Players	6	12	18		

   b. Explain how the number of players changes as the number of teams changes.

   _____

   _____

   _____

3. **Algebra** The table below shows the amount of money that Louise earns in allowance each week.

   a. Complete the table.

Louise's Allowance

Number of Weeks	Allowance
1	$8
2	$16
3	$24
4	_____
5	_____

   b. How did the table help you to find the pattern?

   _____

   _____

4. Diana is training to run a marathon.

   a. Complete the table for Diana's first week of training.

Diana's Training Schedule

Day	Minutes
Monday	15
Tuesday	20
Wednesday	25
Thursday	
Friday	

   b. If she continues the pattern, for how many minutes will Diana run on Saturday?

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