Arithmetic Sequence - Activity Sheet (Grade 10)

Name: **Date:**

Grade/Section: **Score:**

Part I: Finding the nth terms

Directions: Read the questions carefully and choose the correct answer on the right box.

Determine the nth term of the arithmetic sequence	Choices
1. Find the 10th term of the sequence 1, 4, 7, 10, . . .	
2. Find the 15th term of the sequence 10, 14, 18, 22, . . .	
3. Determine the 19th term of the sequence 20, 18, 16, 14, . . .	
4. Determine the nth of the sequence 5, 7, 9, 11, . . .	
5. In the arithmetic sequence 90, 80, 70, ... what term is 10?	

Part II: Fill in the box

For items 6-8: The 5th term of an arithmetic sequence is 25 and the 10th term is 50. Find the following questions:

6. What is the first term of the sequence?
7. What is the common difference of the sequence?
8. What the 15^{th} term of the sequence?

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Part III: Problem Solving

Directions: Solve the following problems involving arithmetic sequence. Type your answer on the space provided

9. Jhastine wants to increase her performance in math quizzes. On her first quiz she got 45 points, the she scored 48 and 51 on her next two quizzes. If her scores continue to increase the same rate, what will be her score on the 6th quiz?

10. Leinard works in Dnata Company as a real time analyst, his starting monthly salary is Php 30, 000 with raise of Php 2,500 per month. What will be his salary on the 12 months?

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