THE VILLAGE
INTERNATIONAL SCHOOL

Class 10	Applied Mathematics 041	
Work Sheet	Topic: Arithmetic Progression	Type: subjective

1. What is the common difference of an A.P. in which $a_{21} - a_7 = 84$?   (2 Marks)

2. Find the 9th term from the end (towards the first term) of the A.P.   5,9,13, …, 185. (2 Marks)

3. Find whether -150 is a term of the A.P. 17, 12, 7, 2, … ?   (3 Marks)

4. Which term of the progression 4, 9, 14, 19, … is 109? (3 Marks)

5. Which term of the progression 20, 192, 183, 17 … is the first negative term? (3 Marks)

6. The 7th term of an A.P. is 20 and its 13th term is 32. Find the A.P.   (3 Marks)