Answer on Question #80447- Math – Calculus

Consider the sequence 1, 6, 11, 16, 21, 26

1. Find the next term
2. Find the 50th term
3. Find the formula for general or nth term

**Solution**

1. Each term is obtained by adding 5 to its predecessor. Then this sequence is linear. The next term is 26+5=31.

C) Notice that …

so the formula for general or nth term is

for

1. Using the formula find

**Answer:** A) 31. B) 246. C)