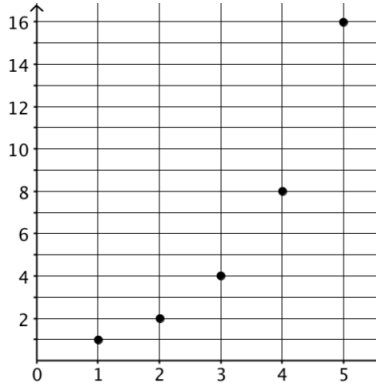


CH. 4, L3 – EXIT SLIP

Objective: Given an arithmetic or geometric sequence or function, I will identify the recursive formula by evaluating the function for different terms in the sequence or input values.

1. Which recursive formula is represented by the graph where n is an integer and $g(1) = 1$? Support your answer.

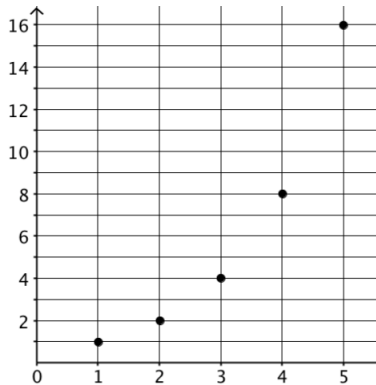


- A $g(n) = g(n-1) + 1$
- B $g(n) = g(n-1) + 2$
- C $g(n) = 2g(n-1)$
- D $g(n) = g(n-1)^2$

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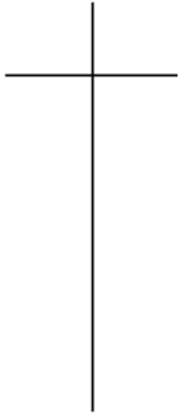


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2. Of the two recursive functions below, determine the value of $a(5)$ for the function that represents a linear relationship. Support your answer.

A. $a(1) = 3, a(n) = (5)a(n - 1)$

B. $a(1) = 3, a(n) = a(n - 1) + 5$



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C. $a(1) = 3, a(n) = (5)a(n - 1)$

D. $a(1) = 3, a(n) = a(n - 1) + 5$

