

12.2 HW Quiz

1) Consider the sequence 8, 16, 32, 64...
and $f(1) = a$.

a) write a recursive formula for the sequence.

b) Use the explicit formula to find the 8th term:

2) Given the recursive formula
 $f(0) = 500$; $f(n) = (1.1) \cdot f(n-1)$, $n \geq 1$

a) Find/list terms 0 through 4.

b) Use the explicit formula to find the 8th term: