

12.1 HW Quiz

1) Consider the sequence 3, 7, 11, ...

a) Given $f(1) = a$, write a recursive formula for the sequence.

b) Use an explicit formula to find the 100th term, $f(100)$.

2) Given the recursive formula

$$f(0) = 27 ; f(n) = f(n-1) - 6 ; n \geq 1$$

a) Find terms 0 through 4.

b) Use an explicit formula to find the 100th term, $f(100)$.