Bellwork Alg 2 Monday, September 9, 2019

- 1. Write both the explicit and recursive formulas for each sequence.
- a) 23,**3**4,45,56,...

b) $-6, 18, -54, 162, \dots$

Explicit:

Explicit:

Recursive:

Recursive:

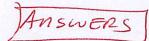
2. Write the explicit formula for this sequence:

9, 16, 25, 36, ...

3. Write the recursive formula for this sequence:

50, 52, 55, 59, 64, ...

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1. Write both the explicit and recursive formulas for each sequence.

£n= 23+11(n-1)

Explicit:

 $-6, 18, -54, 162, \dots$ b)

Recursive:

$$t_1 = 23$$

 $t_1 = t_{n-1} + 11$

Recursive:

2. Write the explicit formula for this sequence:

e:
$$9,16,25,36,...$$

 $3^2, 4^2, 5^2, 6^2, ...$
 $N = 1 \quad 2 \quad 3 \quad 4$

$$E_n = (n+2)^2$$

3. Write the recursive formula for this sequence: