	Namai	Date:	Per:
l	Name:	Date:	

Before you begin, read the rubrics. If you have read the rubrics, please put a star in the box next to your name.

whether a exponential relationships from tables. Student exponential relationships from tables and relationships a	s either linear or little It is not always able to unde	erstandi o work i

Determine whether each table has a linear or exponential relationship. Justify how you decided either in words or

using mathematics.

a.

n	t(n)
0	1
1	3
2	5
3	7

Chi notation

n	t(n)
2	9
4	17
6	25
8	33

n	t(n)
0	3
1	6
2	12
3	24

geometric

T(0)=

generator +2

recorsive aidina equation a=3+2(i-1) Equation

a: =54 (i-1)

a;= 9(i-1)(2)

a: = (6)(2)(:-1)

F-BF2 Mastery (4)	Proficient (3)	Nearly Proficient (2)	Meads Improver	
Determine Student correctly describes the growth		Student minimally describes the	Student sh	
whether a determines multiple terms of the seque		growth pattern and identifies the	little	
and mathematically justifies the sequer		sequence as arithmetic and/or	understanc	
geometric arithmetic and/or geometric. Student u		geometric.	ar no wark	
complete sentences.	geometric.		shown.	
to the start of the sequence:				

3. Maggie was doing her homework when her dog bit off a piece of the paper. All she had le T(1)=4 generator=+8

4, 12, and the fact that 972 was some term of the sequence. Could the sequence be arithmetic? Why or why not? Testing a:=972

b. Could the sequence be geometric? Why or why no in the sequence be geometric?

36 108 324 972 U 972 is the 6th term

Curriculum, Instruction, and Assessment

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