Name: _____

Block: _____

Unit 7 Self-Assessment

Emerging: I am starting to understand the ideas
Developing: I am understanding many of the ideas but I make errors
Proficient: I have a complete understanding of the skills and concepts
Extending: I am pushing my learning to connect to advanced problems and ideas

Section		Level of comprehension	Assignment Completed
7.1 Part 1	• I can identify which sequences are arithmetic • I can identify the first term t_1 and find the common difference *d* • I can use the equation $t_n = t_1 + (n-1)d$ to make the general term • I can create terms of the sequence • I can find the rank of a given term		
7.1 Part 2	• Given two terms of a sequence, I can use substitution or elimination to find the first term t_1 and find the common difference *d* • Given a sequence in which the terms are **variables**, I can use algebra to find the first term t_1 and find the common difference *d*		

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Work Habits	G 100% to 80% of the time	S 80% to 60% of the time	N less than 60% of the time
Assignments completed and handed in on time			
Arrive to class on time			
Return after break on time			
Work on the math assignment during class			
Phone use limited to checking math answer keys posted on the website			
If absent: watching the lesson video or reading the lesson notes			

Communication Questions (Answer in a sentence)

1. Explain why the values of **n** must be a whole numbers for an arithmetic sequence.

_____

_____

_____

2. Give an example of a sequence which in NOT arithmetic. Explain the rule needed to create more terms. (Your answer must be different than your partners)

Sequence _____

_____

_____