

Name: _____

Date: _____

BLM 1-1

Chapter 1 Self-Assessment

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.1			
I can write a formula to determine the general term of an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can generate a sequence that represents a particular situation.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can provide an example of an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can justify an example of an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can derive a rule for determining the general term of an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine t_1 , d , n , or t_n in a problem that involves an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can describe the relationship between an arithmetic sequence and a linear function.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve a problem that involves an arithmetic sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes



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(continued)

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.2			
I can determine the sum of an arithmetic series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can derive a rule for determining the sum of n terms of an arithmetic series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine t_1 , d , n , or S_n in an arithmetic series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve a problem that involves an arithmetic series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
1.3			
I can provide an example of a geometric sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can justify an example of a geometric sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine the values of t_1 , r , or t_n in a problem that involves a geometric sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can derive a rule for determining the general term of a geometric sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve a problem that involves a geometric sequence.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes



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(continued)

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.4			
I can derive a rule for determining the sum of n terms of a geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine t_1 , r , n , and S_n in a geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve a problem that involves a geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can identify any assumptions made when identifying a geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve a finance problem using a geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
1.5			
I can write a repeating decimal as the sum of an infinite geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can generalize a rule for determining the sum of an infinite geometric series.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can explain why a geometric series is convergent.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can explain why a geometric series is divergent.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes

