Secondary 3 Honors Quarter 1 Syllabus

Section	Assignment	Objectives	Confidence			
Unit 1						
1-1 Radical	HW 1-1	1-1a: I know the parent function graphs	1	2	3	4
Functions and		1-1b: I can analyze key attributes of a graph	1	2	3	4
Transformations		1-1c: I can graph square and cube root functions with	1	2	3	4
		and without transformations				
1-2 Solving	HW 1-2	1-2a: I can solve radical equations and check for	1	2	3	4
Radical		extraneous solutions				
Equations			ĺ			
1-3 Piece-wise	HW 1-3	1-3a: I can graph a piece-wise function	1	2	3	4
		1-3b: I can write an equation of a piece-wise function	1	2	3	4
Unit Assessment 1						
Corrections						
Unit 2						
2-1 Series	HW 2-1	2-1a: I can write a function for a geometric sequence	1	2	3	4
		2-1b: I can write a series with sigma notation	1	2	3	4
		2-1c: I can solve problems involving series				
2-2 Exponential	HW 2-2	2-2a: I can model and solve real-world situations using	1	2	3	4
Functions		exponential functions		-	_	
		2-2b: I can solve an exponential equation by graphing	1	2	3	4
2-3 Graphing	HW 2-3	2-3a: I can graph exponential functions given an equation	1	2	3	4
Exponentials		2-3b: I can identify key attributes from an equation or	1	2	3	4
		graph				
Unit Assessment 2						
Corrections	1	T				
Unit 3						
3-1 Evaluating	HW 3-1	3-1a: I understand that a logarithm is the inverse of an	1	2	3	4
Logarithms		exponential				
		3-1b: I can convert between a logarithm and exponential	1	2	3	4
		form	1	C	2	4
		3-1c: I can evaluate logarithms	1	2	3	4
3-2 Properties of	HW 3-2	3-2a: I can use properties of logs to simplify and evaluate	1	2	3	4
Logarithms		logs	1	2	2	1
		3-2b: I can use properties to expand and condense logs	1	2	3	4
3-3 Solving	HW 3-3	3-3a: I can solve exponential and logarithmic equations	1	Ζ	3	4
Logarithmic			ĺ			
Equations			1	2	2	4
3-4 Graphing	HW 3-4	3-4a: I can graph logarithmic functions by hand		2	3 2	4
Logarithms		3-40: I can identify the transformations of a logarithmic	1	Z	3	4
		runction	1	2	3	4
		5-4C: I can identify the asymptote of a logarithmic	-	-	U	•
Unit Accorement	2		L			
Corrections						
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