

Unit 8 Sequences and Series

Date	Lesson/Topics	Khan Academy Videos/Exercise Sets		Done ?
Mon/Tues 6/1-6/2	Live Session: <ul style="list-style-type: none"> Go over any final questions about grading or assigned work 			
	Lesson 3: Geometric Series	Video	Geometric Series introduction (6min)	
		Video	Geometric Series intro (2min)	
		Video	Finite geometric series formula (7min)	
		Video	Worked examples: finite geometric series (6min)	
		Exercise	Geometric series formula (4 problems)	
		Video	Geometric series word problems: swings (5min)	
		Video	Geometric series word problems: hike (6min)	
		Exercise	Finite geometric series word problems (4 problems)	
	QUIZ	Quiz 3	Series: Quiz 3 (5 problems)	Due by 6/4
	Lesson 4: Geometric series (with summation notation)	Video	Summation notation (4min)	
		Exercise	Summation notation intro (4 problems)	
		Video	Geometric series with summation notation (4min)	
		Video	Worked example: finite geometric series (summation notation) (2min)	
		Exercise	Finite geometric series (4 problems)	
Video		Finite geometric series word problem: social media (8min)		
Video		Finite geometric series word problem: mortgage (17min)		
Wed/Thurs 6/3-6/4	Live Session: <ul style="list-style-type: none"> Answer questions from lesson 3 and 4 			
	Lesson 5: Arithmetic Series	Video	Arithmetic series intro (3min)	
		Video	Arithmetic series formula (7min)	
		Article	Arithmetic series	
		Video	Worked example: arithmetic series (sigma notation) (7min)	
		Video	Worked example: arithmetic series (sum expression) (6min)	
		Video	Worked example: arithmetic series (recursive formula) (5min)	
		Article	Arithmetic series worksheet	
		Exercise	Arithmetic series (4 problems)	
		Quiz	Quiz	Series: Quiz 4
	Test	Test	Series: Unit Test (13 problems)	Due by 6/4

