

Day	Date	Topic	Text Reference	Exercise
73	Mon. Dec. 18	UNIT 7 SUMMATIVE		
74	Tues. Dec. 19	8.1 Exploring the Logarithmic Function	p. 451	#1ac, 2i and ii for 1a and 1c, 3ac, 4 to 11 <i>In #9c, the correct answer is 3.</i>
75	Wed. Dec. 20	8.2 Transformations of Logarithmic Functions	pp.452-454 pp.457-458	A – N using desmos #1bc, 3b, 4ii, 4iv, 4vi, 5bde, 6, 7, 8*, 9, 11 <i>*the answer for 8a is incorrect</i> <i>*the answer for 8b should be (25, -1).</i>
76	Thurs. Dec. 21	8.3 Evaluating Logarithms	pp.466-468	#1ade, 2ade, 3, 4ad*e, 5ade, 6ade, 8b, 9, 10, 14*, 15 (it takes 365 d for the Earth to orbit the sun), 20*, 23 <i>*Note: In #4d the answer should be 1.40. For #14 you may round, (and the answer for 14a should be 223 miles per hour.) In #20b the answer should be -27</i>
77	Fri. Dec. 22 (Assembly Day)	Christmas Time Math		None
	Dec.25-Jan.5	Winter Break		
78	Mon. Jan. 8	8.4 Laws of Logarithms	pp.475-476	#1ade, 2ade, 3ade, 4ade, 5, 6ade, 7ad, 9ade, 10a, 11ade, 13*, 16 <i>*answer is: vertical stretch factor of 3 and vertical translation up 3</i>
79	Tues. Jan. 9 (extra help at lunch)	8.5 Solving Exponential Equations	pp.485-486	#1ce, 2ce, 3ce, 4ad, 5cde, 7, 8bf, 10, 11, 12
80	Wed. Jan. 10 (extra help at lunch)	8.5 Solving Exponential Equations: What is the half-life of caffeine?		
81	Thurs. Jan. 11 (extra help at lunch)	8.6 Solving Logarithmic Equations	pp.491-492	#1de, 2de, 4de, 5cef, 7bdef, 9, 12, 13, 16, 20
82	Fri. Jan. 12	8.7 Solving Problems with Exponential and Logarithmic Functions	pp.499-501	#1 to 4, 5ab, 6ab, 7, 8, 10, 13 to 15
83	Mon. Jan. 15	Review	pp.510-511 p.512	#1c, 2d, 3d*graph too, 4, 5b, 6b, 8*, 9, 10abc, 11c, 12, 13, 14bc, 15cd, 17, 18, 19, 20, 22, 23 <i>*the answer for 8d is 3.</i> + Chapter Self-Test (#5 has a typo: it should be $y^{1/3}$. The final answer for #3b should be 2. Finally, in #6 they rounded too early in their solution – the final answer should be 7.827)
84	Tues. Jan. 16 (EQAQ Timetable) (Coop Fair) (extra help at lunch)	Begin Unit 9 9.1 Exploring Combinations of Functions		
85	Wed. Jan. 17 (EQAQ Timetable) (extra help at lunch)	9.2 Combining Two Functions: Sums and Differences		
86	Thurs. Jan. 18 (extra help at lunch)	UNIT 8 SUMMATIVE		