

Day	Date	Topic	Text Reference	Exercise
72	Fri. Dec. 14	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>
73	Mon. Dec. 17 (extra help at lunch)	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 4vi(a) & 8a is incorrect</i> <i>*the answer for 8b should be (25, -1).</i>
74	Tues. Dec. 18	UNIT 7 SUMMATIVE		
75	Wed. Dec. 19 (extra help at lunch)	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.)</i> <i>In #20b the answer should be -27.</i> <i>In #23 the answer should be 22.</i>
76	Thurs. Dec. 20	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>
77	Fri. Dec. 21 (Assembly Day)	Christmas Time Math/Escape Room?		None
	Dec.25-Jan.5	Winter Break		
78	Mon. Jan. 7	8.5 Solving Exponential Equations	pp.485-486	#1ce, 2ce, 3ce, 4ad, 5cde, 7, 8bf, 10*, 11, 12 <i>*#10b) 2.930 d) 5.733</i>
79	Tues. Jan. 8 (extra help at lunch)	8.5 Solving Exponential Equations: What is the half-life of caffeine?		Begin Review p. 510 #1c, 2d, 3d*graph too, 4, 5b, 6b, 8*, 9, 10abc, 11c, 12, 13 <i>*the answer for 8d is 3.</i> <i>*the answer for 11c is 2.552</i>
80	Wed. Jan. 9 (extra help at lunch)	8.6 Solving Logarithmic Equations	pp.491-492	#1de, 2de, 4de, 5cef, 7bdef, 9, 12, 13, 14, 20
81	Thurs. Jan. 10 (extra help at lunch)	8.7 Solving Problems with Exponential and Logarithmic Functions	pp.499-501	#1 to 4, 5ab, 6ab, 7, 10, 13, 14*, 15 <i>*#14) 7.5 years</i>
82	Fri. Jan. 11	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 <i>*the answer for 8d is 3.</i> <i>*the answer for 11c is 2.552</i> <i>*the answer for 19 is 4 times or 3.98</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)
83	Mon. Jan. 14	Begin Unit 9 9. 2 Combining Two Functions: Sums and Differences	pp.528-530	#1ce, 2, 3*, 7ac, 8, 10, 12, 16 <i>*answer wrong in back...there is no domain, so it is impossible for f-g to exist.</i>
84	Tues. Jan. 15 (Coop Fair)	UNIT 8 SUMMATIVE		

85	Wed. Jan. 16 (EQAQ Timetable) (extra help at lunch)	9.3_9.4 Combining Two Functions: Products and Quotients	pp.537-538 p.542	#4bd, 5bd, 8ab, 10 AND #1bc, 2 (just for 1bc)
86	Thurs. Jan. 17 (EQAQ Timetable) (extra help at lunch)	9.5 Composition of Functions	pp.552-553	#1bd, 2ad, 3bc, 5aef, 6ac, 7df
87	Fri. Jan. 18	UNIT 9 SUMMATIVE		
88	Mon. Jan. 21	Course Review/Exam Preparation		
89	Tues. Jan. 22 (extra help at lunch)	Course Review/Exam Preparation		
90	Wed. Jan. 23 (extra help at lunch)	Course Review/Exam Preparation		
91	Thurs. Jan. 24 (extra help at lunch)	Course Review/Exam Preparation		
Fri. Jan. 25	Block A: Final Exam Day!! 8:30 am in Room 2602		Get a Good night's sleep!! Eat Breakfast!	
Wed. Jan. 30	Block E: Final Exam Day!! 8:30 am in Room 2602		Get a Good night's sleep!! Eat Breakfast!	