

**COLLEGE ALGEBRA 2019-2020 Unit 5 – Inverse, Logs and Exponential Functions**

<b>Date</b>	<b>Section</b>	<b>Assignments</b>
Tues 1/7	Section R6 Rational Exponents (skip factoring with rational exponents) (up to ex 3 page 57)	Page 62 #'s 1-6, 7,11-43 every other odd
Wed 1/8	Section R6 Rational Exponents (ex 4 and 5)	Page 63 #'s 47-65 odd (some of these will be challenging for them)
Thurs/Fri 1/9-1/10	Section R6 Rational Exponents (ex 6) Review R6	Page 64 #'s 67-77 odd, 81-85 all  R.6 review-page 63 #'s 24-78 even
Mon 1/13	Section R7 Radical Expressions (ex 1-3)	
Tues 1/14	Section R7 Radical Expressions (ex 5-8) Note: For Ex 7 Adding/subtracting Radicals use simple examples for notes and HW such as $2\sqrt{3} + 4\sqrt{12}$	
Wed/Thurs 1/15-1/16	Review	
Fri 1/17	<b>Quiz R6-R7</b>	HW: None
Mon 1/20	<b>No School MLK Day</b>	
Tues 1/21	Section 4.1 Inverse Functions (ex 1-4)	Section 4.1 #1-10, 12-28 even, 38, 40, 42, 44, 46, 50, 52, 54
Wed/Thurs 1/22-1/23	Section 4.1 Inverse Functions (ex 5-7)	Section 4.1 #56, 58, 60-96 every other even
Fri 1/24	<b>Mini Quiz 4.1</b> Section 4.2 Graphing Exponential Functions (ex 1-3)	HW: Section 4.2 (pg 431) #1-6, 12-26 evens, #28-36 evens, 40, 44, 52, 56
Mon 1/27	Section 4.2 Solving Exponential Functions (ex 4-6)	HW: Section 4.2 (pg 431) #7-10, 71-95 odds
Tues 1/28	Section 4.2 Compound interest (ex 7-9)	HW: Section 4.2 (pg 433) #98-108 evens, 105
Wed/Thurs 1/29-1/30	Review	R6 #45, 56 R7 #8, 37 4.1 #11, 13, 21, 51, 59, 61 4.2 #9, 11, 13, 47, 62, 80, 82, 106
Fri 1/31	<b>TEST Unit 5A (R6-4.2)</b>	HW: None

Mon 2/3	Section 4.3 Writing/solving Logs (ex 1-2)	HW: Section 4.3 (pg 444) #1-6, 11-41 odds
Tues 2/4	Section 4.3 Properties of Logarithms (ex 5-7)	HW: Section 4.3 (pg 446) #71-100 odds
Wed/Thurs 2/5-2/6	Review	HW: section 4.3 #1, 6, 11-18, 19-33 odd, 72-80 even, 84-90 even
Fri 2/7	<b>Quiz 4.3</b> <i>Progress Reports</i>	HW: None
Mon 2/10	Section 4.4 Common Logs and Natural Logs (ex 1,5)	HW: Section 4.4 (pg 456) #5, 7, 8, 11, 13, 15, 17, 43, 45, 47, 49, 51, 70
Tue 2/11	Section 4.4 Common Logs and Natural Logs continued	HW: Section 4.4 (pg 456) #5, 7, 8, 11, 13, 15, 17, 43, 45, 47, 49, 51, 70
Wed/Thurs 2/12-2/13	Section 4.4 Change of Base (ex 8)	HW: Section 4.4 (pg 460) #79-89 odds, 91-99 odds
Fri 2/14	Section 4.5 Solving Equations with Logs (ex 1-3, 5)	HW: Section 4.5 (pg 468) #1-10, 11-33 EOO, 41-49 odds
Mon 2/17	<b>No School President's Day</b>	
Tue 2/18	Section 4.5 Solving Equations with Logs (ex 6, 7, 9)	HW: Section 4.5 (pg 469) #51-83 odds
Wed/Thu 2/19-2/20	Review	
Fri 2/21	<b>Quiz 4.4-4.5</b>	HW: None
Mon 2/24	Section 4.6 Applications (ex 1, 2)	CW: Section 4.6 #10, 12, 16, 30 HW: Section 4.6 (pg 479) #1-8, 10-16 evens, 30-33 all, 38, 45
Tue 2/25	Section 4.6 Applications (ex 3, 4)	HW: Section 4.6 (pg 479) #1-8, 10-16 evens, 30-33 all, 38, 45
Wed/Thu 2/26-2/27	Section 4.6 Applications (ex 5)	HW: Section 4.6 (pg 480) #23-26, 46, 48
Fri 2/28	Review <i>Spring Sports Assembly</i>	
Mon 3/2	Review	
Tue 3/3	<b>TEST Unit 5B (4.3-4.6)</b>	
Wed/Thu 3/4-3/5	Activity	
Fri 3/6	<b>Last Day Q3</b>	
	<b>SPRING BREAK</b>	March 9-20