

COLLEGE ALGEBRA 2020-2021 Unit 5 – Inverse, Logs and Exponential Functions

Date	Section	Assignments
Tues-Wed 1/5-1/6	Section R6 Rational Exponents (skip factoring with rational exponents) (up to ex 3 page 57) Section R6 Rational Exponents (ex 4 and 5)	CW R6 pg 62 #12, 14, 16, 20, 29, 33 WW R6a WW R6b
Thu/Fri 1/7-1/8	Section R6 Rational Exponents (ex 6) Review R6	WW R6c R.6 review-page 63 #'s 24-78 even
Mon/Tue 1/11-1/12	Section R7 Radical Expressions (ex 1-3) Section R7 Radical Expressions (ex 5-8) Note: For Ex 7 Adding/subtracting Radicals use simple examples for notes and HW such as $2\sqrt{3} + 4\sqrt{12}$	WW R7a WW R7b
Wed 1/13	Pre-registration, etc. Periods 1-6	
Thurs/Fri 1/14-1/15	Review	WS
Mon 1/18	No School MLK Day	
Tues/Wed 1/19-1/20	Short Review Quiz R6-R7 Section 4.1 Inverse Functions (ex 1, 2, 4) Make-Up Final Exams	Section 4.1 #1, 2, 3, 5, 6, 10, 12-28 even, 38, 40, 42, 44, 46, 50, 52, 54
Thurs/Fri 1/21-1/22	Section 4.1 Inverse Functions (ex 3, 5-7) Review	WW 4.1a Section 4.1 #4, 9, 10, 42, 56, 58, 60, 64, 68, 72, 80, 92, 96 WS
Mon/Tue 1/25-1/26	Mini Quiz 4.1 Section 4.2 Graphing Exponential Functions (ex 1-3)	WW 4.1b HW: Section 4.2 (pg 431) #1-6, 12-18 evens, #28, 30
Wed/Thurs 1/27-1/28	Section 4.2 Solving Exponential Functions (ex 4-6) Section 4.2 Compound interest (ex 7-9)	WW 4.2a WW 4.2b

Fri/Mon 1/29-2/1	Review	WS R6 #45, 56 R7 #8, 37 4.1 #11, 13, 21, 51, 59, 61 4.2 #9, 11, 13, 47, 62, 80, 82, 106
Tue/Wed 2/2-2/3	Review TEST Unit 5A (R6-4.2)	HW: None
Thu/Fri 2/4-2/5	Section 4.3 Writing/solving Logs (ex 1-2) Section 4.3 Properties of Logarithms (ex 5-7)	WW 4.3a WW 4.3b
Mon/Tues 2/8-2/9	Review	WS HW: section 4.3 #1, 6, 11-18, 19-33 odd, 72-80 even, 84-90 even
Wed/Thurs 2/10-2/11	Quiz 4.3 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
Fri/Tues 2/12-2/16	Section 4.4 Common Logs and Natural Logs continued Section 4.4 Change of Base (ex 8)	HW: Section 4.4 (pg 456) #5, 7, 8, 11, 13, 15, 17, 43, 45, 47, 49, 51, 70 WW 4.4a HW: Section 4.4 (pg 460) #79-89 odds, 91- 99 odds
Mon 2/15	No School President's Day	
Wed/Thu 2/17-2/18	Section 4.5 Solving Equations with Logs (ex 1, 2) Section 4.5 Solving Equations with Logs (ex 3, 5)	WW 4.5a WW 4.4b CW: section 4.5 (pg 468) #21, 23, 41, 47
Fri/Mon 2/19-2/22	Section 4.5 Solving Equations with Logs (ex 6, 7)	WW 4.4b CW: Section 4.5 (pg 469) #51-79 odds
Tue/Wed 2/23-2/24	Review Group Quiz (optional)	Extra credit: WW U5 HW Review HW: Section 4.4 pg 456 #15, 16, 52, 54, 79, 81 HW: Section 4.5 pg 468 #12, 14, 18, 20, 23, 24, 47, 48, 59, 65, 71
Thurs/Fri 2/25-2/26	Review Quiz 4.4-4.5	HW: Section 4.4 pg 456 #15, 16, 52, 54, 79, 81 HW: Section 4.5 pg 468 #12, 14, 18, 20, 23, 24, 47, 48, 59, 65, 71
Mon/Tues 3/1-3/2	Section 4.6 Applications (ex 1, 2) Section 4.6 Applications (ex 3, 4)	WW 4.6a CW: Section 4.6 #10, 12, 16, 30 HW: Section 4.6 (pg 479) #10, 12, 16, 30 WW 4.6a

Wed/Thurs 3/3-3/4	Section 4.6 Applications (ex 5)	WW 4.6a
Fri/Mon 3/5-3/8	Review	WS
Tue/Wed 3/9-3/10	Review TEST Unit 5B (4.3-4.6)	
Thurs/Fri 3/11-3/12	Activity	
	SPRING BREAK	March 15-22