



Calculus AB

August 2019

Homework Calendar


Sun	Mon	Tue	Wed	Thu	Fri	Sat
4	5	6	7	8	9	10
11	<p>12 First Day of School: HW: pg 8—9, # 19-25 odd, 57,59, 61, 62 Pg 16—17, # 27, 37, 40,41,55, 59 Pg 27—29, # 3, 7, 9, 15, 17, 23, 29, 61, 67,69, 71, 79, 81,82 All Due Thursday</p>	<p>13 Ch. P1—P3 Review</p>	<p>14 Ch. P1—P3 Review</p>	<p>15 P1—P3 Review P1-P3 Homework Due</p>	<p>16 1-1, 1-2—Intro to Lim- its using tables and graphs HW: Pg 55—58, #1, 8, 15-23 odd, 24, 25, 27 66,67,69</p>	17
18	<p>19 1-3a—Algebraic Limits HW: Pg 67—68 #5, 9, 13, 17, 21, 37 – 51 odds</p>	<p>20 1-3b—Algebraic Limits continued HW: Pg 67—69 #53 – 61 odds, 83, 84, 85, 87, 95, 97, 115, 118, 119</p>	<p>21 Quiz on Limits (1.1-1.3) Open House</p>	<p>22 1-4a—continuity HW: Pg 79—81 #1 – 19 odds, 27, 30, 33, 43 – 53 odds</p>	<p>23 Chapter P Test</p>	24
25	<p>26 1-4b—continuity continued HW: pg 80—82 #61–69 odds, 87, 88, 95, 97, 99, 103, 104, 116</p>	<p>27 1-5—Limits approaching infinity (VA's) HW: pg 88—90 #1, 7, 9, 11, 19, 23, 29 – 41 odds, 49, 53, 55, 57, 65, 66</p>	<p>28 3-5—Limits at infinity (HA's) HW: pg 202—205 #1, 3, 5, 13 – 33 odds, 54, 55, 57</p>	<p>29 Limits Quiz 1-4, 1-5, 3-5</p>	<p>30 Student Release / Teacher Workday </p>	31
Sept 1	<p>Sept 2 LABOR DAY</p>	<p>Sept 3 Chapter 1 Test Review</p>	<p>Sept 4 Chapter 1 Test Review</p>	<p>Sept 5 Chapter 1 Test</p>	<p>Sept 6 2-1—Definition of Derivative HW: pg 103—105 #1, 13, 17, 21, 23, 25a, 27a, 39 – 43 odds, 49, 51, 53, 55, 65, 67, 85- 89 odds</p>	Sept 7



Sun	Mon	Tue	Wed	Thu	Fri	Sat
					Aug 30 Full Release Day	31
1	Sept 2 LABOR DAY <i>(no school)</i>	Sept 3 Chapter 1 Test Review	Sept 4 Chapter 1 Test Review	Sept 5 Chapter 1 Test	Sept 6 2-1—Definition of Derivative HW: pg 103—105 #1, 13, 17, 21, 23, 25a, 27a, 39 – 43 odds, 49, 51, 53, 55, 65, 67, 85- 89 odds	7
8	9 Quiz on 2-1 No Homework	10 2-2a—Power Rule HW: pg 114—117 #3 – 17 odds, 25 – 31 odds, 35, 39 – 49 odds, 53 – 59 odds, 63, 65	11 2-2b—PVA day HW: pg 115—117 #67,70, 93,95, 97, 98,99, 100, 101,103,110,111,115	12 2-3—Product and Quotient Rules HW: pg 125—128 #13, 15, 21 – 31 odds, 65, 69, 75, 77, 81, 91,93,95,99,101,103,105	13 2.2-2.3 Quiz Review	14
15	16 2.4—Chain Rule HW: pg 136—138 #9, 13, 19, 23, 27, 31, 65, 73a, 75a, 85, 102, 103, 115 <i>(HW Due Wednesday)</i>	17 2.2-2.3 Quiz <i>(2.4 HW due Wed)</i>	18 2-5—Implicit Differentiation HW: pg 145—146 #1– 9odd, 17, 21, 22,23, 24, 29, 31, 45, 47, 51, 57, 58	19 Ch. 2 Test Review	20 Ch. 2 Test Review	21
22	23 Ch. 2 Test Review	24 Chapter 2 Test 2.1-2.5 	25 2-6a—Related Rates HW: pg 153-155 #1, 3, 11, 15, 17, 20, 21ab, 24a, 25,27	26 2-6b—Related Rates HW: pg 154—155 #22, 26,29,30	27 2.6 Related Rates Quiz Review	28


Calculus AB

October 2019

Homework Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	Sept 30 8-7—L'Hopital's Rule HW: pg 564 #5—13 odds, 23, 25, 29 Linear Approximation HW: worksheet	<i>Oct 1</i> Quiz on Related Rates	2 2.6 Related Rates Test Review	3 2.6 Related Rates Test Review	4 3-1—critical points, EVT, abs ext on closed intervals HW: pg 167—168 #11, 13, 21, 37, 39, 41, 43, 52, 53, 63, 64, 65	5
6	7 Test on Related Rates, Linear Approx, L'Hopital's Rule	8 3-2—MVT and Rolle's Theorems HW: pg 174—176 #5-15 odds, 27, 32, 33-41 odd	9 3-3 First Derivative Test HW: pg 183—186 #19, 21, 25, 27, 29, 33, 37, 39, 49, 57-61 odds, 81	10 3-4—Concavity and Points of Inflection HW: pg 192—193 15-23 odd, 33-39 odd, 49, 51, 53, 55, 61	11 Teacher Workday	12
13	14 Columbus Day	15 Student Release / Teacher Workday	16 PSAT Day EARLY RELEASE DAY	17 3.1-3.4 Quiz Review	18 3-6—Curve Sketching HW: pg 212—213 #1—4, 15, 23, 49, 51	19
20	21 3.1-3.4 Quiz	22 3-7—Optimization HW: pg 220-221 #3, 7, 9, 11, 18, 19, 21, 25	23 Optimization Review	24 Ch. 3 Review	25 Ch. 3 Review	26
27	28 Test on Chapter 3 (Part 1: 3.1-3.6) 	29 Ch. 3 Part 2 Test (3.7 Optimization) 5-1a—Derivatives of Natural Logs HW: pg 325-327 #7-15 odds, 19, 21, 31, 33, 47, 49, 53, 55, 57, 59, 71, 73,	30 5-1b Log Differentiation HW: pg. 326 82, 89-93 odd	31 5-3—Inverse Functions HW: pg 343—345 #9, 11, 13, 16, 23, 25, 29, 31, 35, 37, 43, 63-66 all	Nov 1 5.1, 5.3 Quiz Review	

Su	Mon	Tue	Wed	Thu	Fri	Sat
	<p><i>Nov 4</i></p> <p>Quiz 5.1, 5.3 Review</p>	<p><i>Nov 5</i></p> <p>Teacher Work Day</p>	<p><i>6</i></p> <p>Quiz 5.1, 5.3</p>	<p><i>7</i></p> <p>5-4 exponential function e^x</p> <p>HW: pg 352—353 #1, 5, 11 (no decimals), 19, 21, 33-49 odd, 59, 63, 65, 71, 75</p>	<p><i>8</i></p> <p>5-5—Other bases HW: pg 362—363 #1, 3, 15, 17, 21, 23, 27, 29 (no decimals), 37, 39, 43, 47, 49, 53, 55, 59, 63, 65</p>	<i>9</i>
<i>10</i>	<p><i>11</i></p> <p>5.4-5.5 Quiz</p>	<p><i>12</i></p> <p>Test Review Day</p>	<p><i>13</i></p> <p>Test Review Day</p>	<p><i>14</i></p> <p>Test on Logs and Exponentials (Ch. 5)</p> 	<p><i>15</i></p> <p>A-1—Trig review HW: handout #11, 13, 14, 19, 21, 27—30, 31—38, 41—44 1-3, 1-4, 3-5—Trig Limits HW: pg 67-68 #27—35 odds, 63-73 odds Pg 80 #21, 55, 56, 57, 76</p>	<i>16</i>
<i>17</i>	<p><i>18</i></p> <p>2-3, 2-4, 2-5: Trig Derivatives HW: pg 126 #11, 39, 49, 51, 53 Pg 136—139 #47, 49, 53-63 odd, 71, 77a, 79, 89 Pg 145-146 #11-15 odd, 27</p>	<p>3.1-3.6—curve sketch HW: pg 167 #15, 33 Pg 174—175 #19, 21, 25, 45, 48 (use a calculator to find 'c') Pg 183-184 #13, 41, 43</p>	<p><i>20</i></p> <p>Senior Service Day</p>	<p><i>21</i></p> <p>Trig Quiz #1 Trig Derivatives (2.2-2.5)</p>	<p><i>22</i></p> <p>Trig Quiz #1 Curve Sketch Review Pg 192 #25, 29, 41 Pg 212 #32, 33 Pg 202-203 # 5, 35, 37, 43</p>	<i>23</i>
<i>24</i>	<p><i>25 Thanksgiving</i> </p>	<p><i>26 Thanksgiving</i></p>	<p><i>27 Thanksgiving</i></p>	<p><i>28 Thanksgiving</i></p>	<p><i>29 Thanksgiving</i></p>	<i>30</i>
<i>Dec 1</i>	<p><i>2</i></p> <p>2-6—Trig related rates HW: pg 155—156 #38, 39, 40, 41</p> <p>Trig Unit Test Review <i>Trig Curve sketching Duel</i></p>	<p><i>3</i></p> <p>5-6: Inverse Trig Derivatives HW: pg 372—373 #5, 7, 9, 11, 17—27 odds, 42, 43, 44, 49, 55, 59, 63, 77</p>	<p><i>4</i></p> <p>Trig Unit Test Review</p>	<p><i>5</i></p> <p>Trig Unit Test Review</p>	<p><i>6</i></p> <p>Trig Unit Test</p>	<i>7</i>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					Nov 29 <i>Thanksgiving Break</i>	Nov 30
1	2 2-6—Trig related rates HW: pg 155—156 #38,39,40,41 Trig Unit Test Review <i>Trig Curve sketching Due!</i>	3 5-6: Inverse Trig Derivatives HW: pg 372—373 #5, 7, 9, 11, 17 – 27 odds, 42, 43, 44, 49, 55, 59,63,77	4 Trig Unit Test Review	5 Trig Unit Test Review 	6 Trig Unit Test	7
8	9 Final Exam Review FRQ Packet HW : MC Packet #16-32	10 Final Exam Review HW : MC Packet #33-47	11 Final Exam Review Review FRQs HW : MC Packet #48-60	12 FINAL EXAM FREE RESPONSE PORTION Calculator #1-3	13 Final Exam Review Review FRQs	14
15	16 FINAL EXAM FREE RESPONSE PORTION Non-Calculator #4-6	17 FINAL EXAM MULTIPLE CHOICE PORTION (7th period)	18 FINAL EXAM MULTIPLE CHOICE PORTION (1st , 3rd periods)	19 FINAL EXAM MULTIPLE CHOICE PORTION (2nd , 4th periods)	20 FINAL EXAM MULTIPLE CHOICE PORTION (6th, 5th periods)	21