



Calculus AB
Course

Homework
Assignment List
Unit # 4
Calculus AB

Full Name: _____

Period _____ Group: _____

Date _____

(Unit #4 Test will cover Chapter 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, and Chapter 3.7

The following is a list of Homework for Unit # 4. Please have your parent sign on the right hand side of each assignment indicating that the parent has seen the assignment completed.

Note: This signed page will count 10 points

Lesson 30	Unit #4 Ch 3.7 Day #1 Related Rates Pg. 221 (5-9) odd (13,15,17,21) For all word problems, you must write your final answer as a sentence. Write out the given & find and have a drawing just like in class. Include units in your answer.	Parent signature: _____ Date: _____
Lesson 31	Unit #4 Ch 3.7 Day #2 Related Rates Pg. 221 (6-16) even For all word problems, you must write your final answer as a sentence. Write out the given & find and have a drawing just like in class. Include units in your answer.	Parent signature: _____ Date: _____
Lesson 32	Unit #4 Ch 5.1 Intervals of Inc/Dec/Concavity Pg. 276 (7,11,13,15,19,21,29,31) (#17-- 1 Point Ex Credit)	Parent signature: _____ Date: _____
Lesson 33	Unit #4 Ch 5.2 Relative Extrema Pg. 287 (7-12) all (19,21) 27, (31-37) odd	Parent signature: _____ Date: _____
Lesson 34	Unit #4 Ch 5.2/5.3 Graphs of Poly and Rational Functions Pg 288 (45-51) odd and Pg 299 (1, 3) Follow the same three steps we did in class for each type of function. Ignore additional instructions in textbook.	Parent signature: _____ Date: _____
Lesson 35	Unit #4 Ch 5.2/5.3 Graphs of Poly and Rational Functions Pg 288 (46-50)even and Pg 299 (2-4) even Follow the same three steps we did in class for each type of function. Ignore additional instructions in textbook.	Parent signature: _____ Date: _____
Lesson 36	Unit #4 Ch 5.3 Other Graphing Problems, Cusps Worksheet – Undefined Derivative Values	Parent signature: _____ Date: _____
Lesson 37	Unit #4 Ch 5.4 Max/Min Values, Critical Points Pg. 307 (7-21) odd	Parent signature: _____ Date: _____
Lesson 38/39	Unit #4 Ch 5.5 Optimization Problems Pg. 318 (3-6, 8, 9, 11-13, 17-20)	Parent signature: _____ Date: _____
Lesson 41	Unit #4 Ch 5.7 Rolle's Theorem and Mean Value Theorem Pg. 334 (1,2,3,5,6) (7-12) all Must verify hypothesis for both theorems.	Parent signature: _____ Date: _____
Lesson 42/43	Unit #4 Ch 5.8 Day #1 Particles Along a Line Pg. 343 (13,15,16,19b, 23, 32) Skip part e of 13, 15, 16	Parent signature: _____ Date: _____
	Unit #4 Review for Test #4 6 AP Problems	Parent signature: _____ Date: _____