

Pre-Calculus Honors Homework 2023 - 2024

Chapter 12 (New Textbook) + Chapter 17 (Old Textbook)

Date Due	Assignment Type or Section	Page/Problem Numbers
4/17	12.1-12.2	p 743 #1, 3, 5, 7, 13, #23 – 31 odds, #39 – 45 odds, #53, 55, 57 + p 754 #1, 3, 7, 9, #23, 25, #29 – 45 odds, #66 Note: Calculate all limits. No need to graph, but graph on a graphing calculator to check answers if desired.
4/19	12.4 Day 1	p 772 # 7 – 15 odds, #29, 31, #39 – 47 odds, #65 + ditto (17.2) #1 – 6, #9, 10, 13, 14 Note: All answers must be factored.
4/24	12.4 Day 2	Finish the ditto (17.2) #7, 8, 11, 12, 15, 16 + do all 11 problems on the back of the ditto using the 1 st and 2 nd derivative tests with number line analysis to locate the coordinates of all minima, maxima and inflections points for each equation.
4/26	3.6 (old book)	p 153 #15 – 45 odds (Do not use a graphing calculator at all.)
4/29	17.2 & 12.3 (old book & regular book)	p 928 (old book) #14 – 18 all, #29 – 38 all, #40, 41, 42, 45 + p 762 (new book) #1, 5, 11, 15, 17, 25, 35, 37, 45, 47, #49 – 52 all
5/1	17.3/12.5 Day 1 (old book)	p 935 (old book) #3, 4, 6, 7, 8, 10, 14, 16
5/3	17.3/12.5 Day 2 (old book)	p 935 (old book) #3, 7, 8, 10 using Riemann Sum as follows: #3 – use 4 subdivisions with left Riemann Sum #7 – use 6 subdivisions with right Riemann Sum #8 – use 4 subdivisions with midpoint Riemann Sum #10 – use 5 subdivisions with midpoint Riemann Sum
5/8	17.3/12.5 Day 3 (regular book)	p 781 (new book) #1, 2, 15, 19
(no due date)	Ch 12 Review	(old book) p 952 #1 – 17 all + p 173 #19 – 24 all + Please complete the worksheet handed out in class + (new book) p 793 #13, 17, 21, 22, 23, 25, 26, 27, 29, 30, 33, 35, 36, 37, 38, 42, 43, 55, 57
5/15	Study for the Ch 12 test	The test will be in class on Wednesday May 15 th .