

TEST 2 REVIEW

- KNOW THE "LIMIT DEFINITIONS"

AND NOTATIONS
FOR

THE DERIVATIVE.

Textbook
p. 146-147
p. 154
p. 157

- IN-CLASS WORKSHEETS: 236, 322, 341 (1,2,3,4), 342, 406.

CHAPTER 3:

- HW # 365, 366, 367, 368.

CHAPTER 4 = (NOT ON ORIGINAL PRINTOUT)

I HOPE TO PUT SOLUTIONS
ON MY WEBSITE.
ANSWERS BELOW. ↓

- HW # 414

4.1 p. 277 = 30, 32, 33, 34, 37, 46.

- 4.3 p. 295 = Re-do 7 and 8.

- HW # 435

4.3 p. 295 = 2, 6, 10, 12, 21, 22.

- KNOW FORMULAS ON SHEET #300:

1, 2a, 2b, 3, 4, 5, 6, 7, 8b, B, D.

- KNOW OLD HW & QUIZZES. KNOW TEST 1.

ANSWERS TO EVEN NUMBERED CH. 4 QUESTIONS

4.1 p. 277 = 30 $[-1, 1/3]$, 32 [NONE], 34 $[4/3]$, 46 $[14]$.

4.3 p. 295 = 2 [DECR (1,3), CONC DOWN (0,2) & (4,5), P.I. 2, 4, 5]

6 [MAX 1.5, MIN 3], 10 [MAX (-1,6), MIN $(1/2, -3/4)$, P.I. $(-1/4, 21/8)$]

12 [MIN (0,0), P.I. $(\pm 1, 1/4)$], 22 $[0, 1, 4/7]$; NOTHING FOR 01, MIN $4/7$; MAX 0]