MATH 1042   REVIEW PROBLEMS FOR TEST 1   Spring 2024

1. Text: **James Stewart**, *Calculus, Early Transcendentals*, 8th Edition, Cengage learning.

2. *Math 1042 ADDITIONAL Homework Problems*

5.2: 34, 37, 51, 53

5.3: 3abc (in 3c, also find the max and min values), 13, 14, 28, 29, 42, 66, 73 (in problems 66 and 73, also find the intervals, where g is increasing, decreasing, and concave upward. find the x-coordinates of the inflection points too)

5.4: 29, 32, 36, 37, 59, 60; Also do

5.5: 2, 7, 15, 16, 17, 22, 25, 31, 68, 69

Review Chapter 5: Exercises: 9, 38, 47, 48, 58

6.1: 1, 11, 20, 21, 24, 29

6.2: 4, 7, 9, 12, 13, 15, 17, 54 (in 54 let $r = 3$), 58

Review Chapter 6: 1, 7, 8, 14, 24

7.1: 2, 3, 5, 6, 11, 22, 23, 27, 69

7.2: 1, 3, 4, 7, 21, 23, 25, 57;

MCC Exam Review w/ Isha Dev:
Wednesday, February 21st. 5:30 - 7:00pm.
Tuttleman Hall 103

SSC Study Studio:
Thursday, February 22nd. 5:30 - 7:00pm.
Charles Library room 340