






MATH 154 - CALCULUS, EXAM PREPARATION SHEET

For an efficient preparation for the first midterm exam:

-  **Make use of available resources.** Attend your Professor's office hours. Do not feel as though you are infringing on your Professor's time by attending office hours, it is part of their job description.
-  **Read your Calculus book.** Read the sections covered in syllabus. This will reduce your dependence on class notes, which can often get in the way of listening and actively learning.
-  **Rework the homework problems out of sequence.** Look in the textbook or ask your Professor for supplemental problems.
-  **Work for a deeper understanding of Calculus.** Topics will now be presented from visual, symbolic, numeric and linguistic perspectives. It is important to master these perspectives, and their relationship to one another.
-  **Try to solve the following questions:**

Section 6.5 : 2, 4, 8, 10 13, 17, 21, 22, 24, 26, 40, 42

Section 7.1: 1-4, 6, 8, 11, 12, 14-16, 19, 22

Section 7-3: 4, 6, 9, 10, 11, 14, 20, 21, 24

Section 9-1: 2, 4, 7, 10, 11, 18, 21, 23, 26, 30

Section 9-2: 3, 7, 8, 10, 11, 13, 16

Section 9.3: 3, 4, 6, 7, 8, 9, 10, 12-14, 16, 18, 19, 22, 23, 35, 38

Section 9.4: 1, 2, 3, 6, 7, 8, 9, 12

Section 9.5: 1-8,12-17

Section 9.6: 1, 3, 5, 6, 8, 9, 10, 11, 12, 15, 16, 19, 20, 22, 23, 25, 26, 33, 34, 35

Section 9.7: 15, 16, 17, 18, 19, 23, 24, 25, 26