1. Text: James Stewart, *Calculus, Early Transcendentals*, **8th** Edition, Cengage Learning
2. *Supplementary Exercises* (**SE**)

Chapter 3: Differentiation Rules

3.3: 2, 3, 7, 8, 11, 33 (assume x lies in $[0, 2\pi]$ in this problem)

3.4: 11, 13, 14, 31, 59 (assume x lies in $[0, 2\pi]$ in this problem), 62, 63

3.5: 11, 13, 19, 20, 25, 49, 50, 51, 60

3.6: 4, 13, 40, 41, 45, 47, 49

3.7: 1, 2, 4 (only do parts a-e and part g. Also determine whether the particle is speeding up or slowing down when $t = 1$ sec)

3.9: 3, 4, 5, 9, 10, 14, 17

3.10: 1, 3, 23, 25, 27

Chapter 4: Applications of Differentiation

4.1: 37, 41, 43, 47, 52, 53, 57, 60, 61

4.2: 5, 7, 9, 11, 12, 14, 17, 27

4.3: 11, 13, 17, 25, 27, 28, 29, 31 45, 46, 53

4.4: 13, 14, 15, 16, 17, 19, 20, 21, 32, 35, 40, 41

MCC Review Workshop:

Thursday, 9 November 5:00pm - 6:30pm, Gladfelter L021

SSC Review Workshop:

Friday, 10 November 4:30pm - 6:00pm, Charles Library 340