Text: **James Stewart**, *Calculus, Early Transcendentals*, 8th Edition, Cengage Learning

Chapter 2: Limits and Derivatives

2.2: 4, 7, 17, 31, 32, 33, 35, 44a

2.3: 2de, 12, 17, 21, 22, 23, 24, 32, 42, 43, 49ab, 51

2.5: 3, 5, 7, 20, 21, 23, 43, 45, 46 (do the modified problem 46), 53, 55

2.6: 5, 7, 18, 19, 35, 36, 37, 40, 49, 51

2.7: 15, 16b(in 15 and 16b you may use differentiation rules), 31, 33, 35 (in 31, 33, 35, take $a = -4$), 37, 41, 42

2.8: 23, 27, 29, 41, 42

Chapter 2 Review: 1, 2, 3, 5, 10, 18, 19

Chapter 3: Differentiation Rules

3.1: 4, 11, 13, 18, 19, 22, 23, 25, 35, 37(tangent line only), 49, 50ab, 55, 56

3.2: 3, 5, 11, 14, 19, 27, 31

3.3: 1, 7, 1, 11, 23, 29 (find derivatives at $\theta = \pi/4$ and $\theta = \pi/3$), 33, 34

CLASS Review Session:

Monday, February 20, 5:00pm - 7:00pm, at Anderson 17