

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

2.2: 32, 33, 42

2.3: 17, 22, 23

2.5: 3, 7, 23, 37

2.6: 3, 35, 37, 40, 43a, 51, 52 (in Problems 51, 52, do not use a graphing device)

2.7: 3ab, 38, 39, 40, 41, 42

Chapter 2 Review: 1, 10, 18

3.1: 23, 35

3.2: 13, 31

3.3: 25a, 30

3.4: 12, 14, 23, 36

3.5: 49, 50, 52, 57

3.6: 3, 4, 25, 33

Chapter 3 Review: 22, 28, 31

4.3: 8, 29, 36a-d, 52a, 53a, 56a

4.4: 14, 15, 19, 21, 35, 37

4.9: 13, 15, 16, 17 (in Problems 16, 17, assume that $-\frac{\pi}{2} < \theta < \frac{\pi}{2}$), 31, 33, 36, 37

5.2: 33, 53

5.3: 45, 47

5.4: 5, 11, 27, 33, 41

5.5: 11, 15, 17, 25, 27, 31, 32, 43

Chapter 5 Review: CONCEPT CHECK: 4 (state only Part 2 of the Fundamental Theorem of Calculus)