

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

**2.2:** 4, 8, 33, 35, 36

**2.3:** 2, 11, 21, 23, 37, 38, 51. Also do **SE 2.3: 1** and **2**.

**2.5:** 3, 7, 23, 35, 36, 37, 45, 49ab, 50, 53. Also do **SE 2.5: 1** and **2**.

**2.6:** 6, 9, 19, 31, 35, 36, 37, 40, 41, 51, 52 (in 51–52, do not check your work by graphing)

**2.7:** 15, 16ab (in 15–16, you may use differentiation rules), 33, 35, 37, 40, 41

**2.8:** 26, 27, 41

**Chapter 2 Review:** CONCEPT CHECK: 4, 5, 7, 9, 10, 13, 15 EXERCISES: 1, 2, 3, 5, 7, 10, 19, 47

**3.1:** 14, 19, 23, 25, 34, 35, 49, 50ab, 55, 56

**3.2:** 4, 5, 7, 13, 19, 31, 32, 34 (only find the tangent line), 40a