

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

3.5: 12, 15, 19, 25, 27

3.6: 13, 41, 47, 48, 49

3.7: 1, 4 (in Problems 1, 4, skip parts (f) and (h); in part (i) only determine whether the particle is speeding up or slowing down at $t = 1$), 7

3.9: 4, 5, 8c, 12, 21

3.10: 3, 5, 24, 25

Chapter 3 Review: EXERCISES:: 13, 14, 31, 33, 71, 72, 73, 74, 79, 80, 81

4.1: 37, 42, 43, 53, 56, 59

4.2: 2, 3, 4, 6, 12

4.3: 11, 17, 22a, 29, 31, 52a, 56a, 57

4.4: 15, 17, 18, 27, 35