Attempt the following exercises from the textbook. *Most of the quiz problems will be from this list or slight modifications of exercises from this list.* Answers to most of the exercises are either embedded next to the exercise and/or in [Appendix A: Answers/Solutions](#).

Chapter 6 (Techniques of Antidifferentiation):
- 6.1:   5, 9-15 odd, 19, 21, 27, 29, 33, 37, 41, 43, 49, 53-63 odd, 71, 75, 77, 79, 81, 83
- 6.2:   5-11 odd, 21, 25, 31, 35, 37, 39, 41-47 odd
- 6.3:   5-11 odd, 19-23 odd, 29, 30
- 6.4:   4, 6, 10, 12, 16-30 even
- 6.5:   7-23 odd
- 6.7:   9-33 odd, 37, 43-47, 53
- 6.8:   9, 13, 15, 19, 23-27, 35, 37, 39, 43

Chapter 10 (Sequences and Series):
- 10.1:   17-27 odd
- 10.2:   15, 19, 21, 25, 29, 31, 35-45 odd
- 10.3:   7, 9, 13-21 odd, 23, 27, 31
- 10.4:   5, 7, 13, 15, 19, 21, 23, 25, 29, 33
- 10.5:   5, 9, 15, 19, 21, 23, 25, 27
- 10.6:   11-23 odd, 25, 27, 29
- 4.5:   5-19 odd, 25-33 odd
- 10.7:   5-11 odd, 25, 26, 27

Chapter 7 (Applications of Integration):
- 7.1: 12, 14, 22, 24
- 7.2: 4, 8, 12, 14, 16
- 7.3: 5, 9, 13, 15, 17
- 7.4: Arc Length: 3-11 odd;
        Surface Area: 29-33 odd
- 7.5: Rope: 5, 9, 11;
        Tank: 21, 23, 25;
        Spring: 13, 15

Chapter 8 (Differential Equations):
- 8.1: 1, 3, 5, 7, 9, 11, 17-20, 21-24 (Use [Slope Field Generator](#) for 21-24)
- 8.2: 1-4, 5, 7, 9, 11, 13, 15, 17, 19
- 8.4: 1, 2, 3, 6

Chapter 9 (Curves in the Plane: Polar Coordinates):
- 9.4: 9; Graphing: 11-19 odd, 23;
        Converting: 31, 33, 35, 39;
        Intersection Points: 49-55 odd
- 9.5: Area: 17-26