1. (1 point) Section 7.1, Problem 11

2. (1 point) Section 7.1, Problem 15

3. (1 point) Section 7.1, Problem 16

4. (2 points) Section 7.3, Problem 17

5. (2 points) Section 7.4, Problem 24

6. (1 point) Section 7.4, Problem 30 (Strike the part “and that (rad $I$)/$I$ ... ” from the problem, i.e., just prove that rad $I$ is an ideal.)

7. (2 points) Section 7.4, Problem 37