1) (10 points) Problem 9.3 of Hecht

2) (10 points): Problem 9.8 of Hecht

3) (10 points): Problem 9.10 of Hecht

4) (10 points): Problem 9.12 of Hecht

5) (10 points): Problem 9.14 of Hecht

6) (10 points): Problem 9.34 of Hecht

7) (10 points): Problem 9.36 of Hecht