1. Prove that "if $3n+2$ is even, then $n$ is even" using (a) indirect proof and (b) proof by contradiction.

2. Exercise 34 (Section 1.6, page 86)

3. Exercise 42 (Section 1.6, page 86)

4. Exercise 4 (Section 1.7, page 102)

5. Exercise 6 (Section 1.7, page 102)