Problems:

1. Section 1.5, exercise 16, parts (a) to (c) [5th edition: exercise 12]
2. Section 1.5, exercise 24 [5th edition: nonexistent, see scan on web page]
3. Section 1.5, exercise 34 [5th edition: exercise 70]
4. Prove that for any integer \( n \) if \( 3n + 3 \) is odd then \( n \) is even.
5. Section 1.6, exercise 28 [5th edition: Section 1.5, exercise 40]
6. Section 1.6, exercise 30 [5th edition: Section 1.5, exercise 42]
7. Prove or disprove that if \( a \) and \( b \) are rational numbers, then \( a^b \) is also rational.