Problems:

1. Section 1.5, exercise 16, parts (a) to (c)

2. Section 1.5, exercise 24

3. Section 1.5, exercise 34

4. Prove that for any integer n if $3n + 3$ is odd then n is even.

5. Section 1.6, exercise 28

6. Section 1.6, exercise 30

7. Prove or disprove that if a and b are rational numbers, then a^b is also rational.

Please write about how many hours it took you to complete this assignment near where you write your name on the first page.