Exercise 1. Use the Sieve of Eratosthenes to make a list of all primes less than 200.

Exercise 2. Textbook exercise 1.3.5. Turn in a copy of the code you use to arrive at your conjecture.

Exercise 3. Textbook exercise 1.3.7.

Exercise 4. Textbook exercise 1.3.8(a). [*Suggestion:* Apply Bézout's Lemma to (a, b) and multiply the result by n.]