1. (1 pt.)

   - This *quick check* is **closed book, notes, etc.**
   - You may use a 3 in. × 5 in. **reference card**, *hand-written by you.*
   - Use the **classroom and textbook conventions** and terminology.

   Read the above carefully; then write your name below:

2. (5 pts.) What are the tasks noted in Homework 0.002 from the newsgroup?

3. (3 pts.) State the *Recursion Theorem* studied in class (from Chapter 6 of the textbook).

4. (3 pts.) What is *shortlex order* as defined in Chapter 0 of the textbook? [Define it as precisely as you can.]

5. (3 pts.) What are the three conditions that a relation must satisfy in order to be an *equivalence relation* (from Chapter 0)?