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. (3 pts.) State the textbook's definition of a **space constructible** function.

3. (3 pts.) State **space hierarchy theorem** from the textbook.

4. (3 pts.) State the textbook's definition of the language $EQ_{REX\uparrow}$.