

1. (1 pt.)

- This *quick check* is **closed book, notes, etc.**
- You may use a 3 in. \times 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. (2 pts.) Chapter 4 offers three methods for solving recurrences; state their names.

3. (3 pts.) State the *name* and *asymptotic complexity* of the *fastest* algorithm described in Section 4.1. Repeat for Section 4.2.

4. (4 pts.) Briefly describe the two *twists* (T1 and T2) that form the basis of Homework 2.