Quiz 2

Math 344

Week Two

- Write your name here: _____.
- Answer all questions.
- Proofs are graded for clarity, rigor, neatness, and style.
- Good luck!

1. Let G be a group, and let's call its identity e. Prove

$$\text{for all } a, b, c \in G, \qquad \text{if } ca = cb, \text{ then } a = b.$$