

Math 31: Quiz 1

Name: _____

Instructions: Answer the following questions without consulting any outside source (such as notes or the textbook).

1. A group is a set with a binary operation which satisfy the group axioms. State these axioms (in any order).

1.

2.

3.

2. Give an example of an Abelian group (either by name or by description). Please specify the operation.

3. Give an example of a non-Abelian group (either by name or by description). Please specify the operation.