**Instructions.** Write all answers clearly on one piece of paper, and put all group members' names on the top of the paper. If you talk, you must do so **very quietly**!

1. What is the order of a group?

2. What is the order of an element of a group?

3. (True/False) It is possible to have a finite subgroup of an infinite group.

4. (True/False) It is possible to have an infinite subgroup of an infinite group, which is not equal to the group.

5. What are the possible values of the order of an element in a group?