

## Questionnaire, to be returned in class on Thu, January 18th.

1. Your NAME and class year. Please write the first name the way you want me to address you.

2. List all the math classes you took in college. If you took less than three math classes in college, also list the last three math classes you took in high school.

3. Are you a math major or a math minor? If not, you are planning to major/minor in math?

4. Rate your level of familiarity with each of the following concepts on the scale from 1 to 4 with

4 meaning 'I am comfortable with this concept';

3 'I studied this in detail, but do not feel comfortable'

2 'I studied this before, but very briefly'

1 'I never studied this before'

- proof by induction
- proof by contradiction
- negation of a statement
- injective and surjective functions
- preimage of a set (under some map)
- cardinality of a set
- greatest common divisor