

Georg Cantor

The goal of the presentation is to discuss Georg Cantor. Your presentation should include at least

- A discussion of who he is including his mathematical conflicts with Leopold Kronecker.
- A discussion of what set theory is (you do not need to give a precise definition although you should explain what a set is)
- A discussion of how all mathematical objects can be viewed as sets.
- A discussion of what it means for two sets to have the same cardinality (or size).
- A statement of what the continuum hypothesis is.

In addition you should include at least one thing not on the above list

At the end of your presentation the class will be asked one of the following questions.

- What does the continuum hypothesis say?
- What country did Cantor live most of his life in?
- Which of the following is a set: George Cantor, $\{x: x \text{ is a car}\}$, your pencil.

A good starting point for your research is

<http://en.wikipedia.org/wiki/Georg-Cantor>

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman