To Infinity and Beyond?

An AC Pre-Calculus Project

OBJECTIVE:

Infinity is a difficult concept to understand seeing as it is neither a number nor a place. You and your group will be assigned one of several paradoxes to demonstrate and explain to the entire class. You will be required to research, present the situation, expound upon the problem, and demonstrate the correct answer. Use your creativity!

REQUIREMENTS:

- The presentation must have three parts:
    1) Demonstration of problem
    2) Conduct classroom discussion of possible solutions
    3) Explanation of solution
- Ensure ALL members of your group participate *verbally.*
- Time: 15-20min for entire presentation
- At least one visual aide (poster, Power Point, props, costumes, etc…)
- Research and cite at least two sources in MLA formatting, to be turned in at time of presentation

HINTS:

- Make it visual! During your presentation, ensure students can visualize the situation. Be creative!
- Predict what questions students will have about the problem and ensure to include the answers in your presentation.
- Ensure to communicate with your group and practice the presentation.   You will lose time and points if your presentation is haphazard.

GROUP MEMBERS: **PARADOX:**

1) Sunny, Aaron, Frank, and Michael G   The Wizard and the Mermaid

2) Cameron, Kevin, Joe, and Elliot   The Tristram Shanty Paradox

3) Will, Trevor, Scott, and Wes   The Arrow Paradox

4) Ryan, Richard, Ahria, and Michael D   The Enchantress and the Witch

5) Hailey, Santi, Chris, David, and Conrad   The Koch Snowflake