Seeing is Believing/Shape of the World think-pair-share
Dr. Sarah's MAT 1010: Introduction to Mathematics

Part A: First read through the questions below so that you can take notes on them as you watch the Seeing is Believing/Shape of the World video, which is a link in the think-pair-share activity.

Part B: Answer all four questions and type your responses for the forum. Add a new discussion topic with the subject as your preferred name and the post as your responses and any questions you have.

Part C: Respond separately to at least two of your classmates postings in a meaningful way. Use their preferred name. You might pose questions, answer questions, extend ideas, or compare and contrast your responses and summarize what you chose and why.

1. How do people in the video talk about, explore or represent higher dimensions (analogies, visual representations...)? For instance - Henderson uses x-rays and invisible realities as an analogy. Take notes on as many as you can find. In your post, write down

1a) the number of items you found (like 7)

1b) select 2 items to describe. If you have something someone else hasn't posted, choose that rather than a repeat.

2. What are ways that the researchers in the video model and explore the geometry of the universe? For example, Riemann and Einstein used a higher dimensional sphere to model the geometry and physics of the universe. Take notes on as many as you can find. In your post, write down

2a) the number of items you found

2b) select 1 item to describe. If you have something someone else hasn't posted, choose that rather than a repeat.

3. Give one example from the video of a connection to the theme of local to global and explain.

4. Give one example from the video of a connection to the theme of the role of chance/probability and explain.