

I asked you to learn about Klein bottles, including at least the videos I assigned (see HW page), as well as several other sources. I want you to write two or three paragraphs (Less than one page with 2.5 cm margins and 12 point type) about some aspect of or topic concerning Klein bottles. There are many different topics you could choose to address, among them could be:

- What is a Klein bottle?
- What is a Möbius loop?
- Who was Felix Klein?
- Is a Klein bottle a bottle?
- Who is Cliff Stoll?
- What is a non-orientable surface?
- What is the volume of a Klein bottle?
- What is the problem with three dimensions?
- How are Möbius loops related to Klein bottles?
- What do you get if you cut a Klein bottle in half?

You are not limited to these topics and you should **not** address all of these questions (at most a small subset), they are only to help you get started. Your writing will be judged on writing criteria: structure of the paragraphs, coherence, clarity, relevance to Klein bottles, etc. Let me reiterate, only address a couple of these aspects of Klein bottles, and write well about what you choode to do.



Some Klein Bottles

Due: Thursday, October 6