1. Read the rest of chapter 4, then chapters 5 and 6 in *The Shape of Space*. Choose three of the exercises that you find interesting and solve them (as much as you can manage). Write up your solutions as clearly as possible, so that a classmate who had not thought about the problem could easily understand your point of view. You might want to add hand-drawn diagrams for reference and clarity, depending on the problems that you choose.

2. Try to explain a concept from *Shape of Space* to a nonmathematician. Pay careful attention to how you approach this — do you introduce them to technical jargon, or do you explain by metaphor or example? What did they have difficulty understanding, and what came easily? Could you get them interested, or were they bored? Would they be able to explain the concept to somebody else after they heard it from you? Write a short description of your experience and bring it to class on Thursday.