MATH 348 Reading Questions

Read Chapter 7 in the text and answer the following questions. This sheet will be checked for completeness at the beginning of the next class.

1. What is the definition of a k-**simplex**?

2. What is the definition of a **simplicial complex**?

3. Summarize Example 7.10 in your own words.

4. How is the **Euler number** of a triangulable space defined?

5. What is the definition of a **surface**?

6. What does the **classification theorem for surfaces** say?