## Topology Assignment #3: Due 10/21/02

## I. Reading:

- Reread Patty, §1.3.
- $\bullet$  Read Patty,  $\S\S1.4\text{--}1.5.$

## II. Practice problems:

- 1. Patty, Exercises 1.2 (pp. 14–15) #1, 7.
- 2. Patty, Exercises 1.3 (pp. 24–26) #2, 7, 10, 15.

## III. Required problems:

- 1. Patty, Exercises 1.2 (pp. 14–15) #3.
- 2. Patty, Exercises 1.2 (pp. 14–15) #9.
- 3. Patty, Exercises 1.2 (pp. 14–15) #10.
- 4. Patty, Exercises 1.2 (pp. 14–15) #11.
- 5. Patty, Exercises 1.3 (pp. 24–26) #3.
- 6. Patty, Exercises 1.3 (pp. 24–26) #4.
- 7. Patty, Exercises 1.3 (pp. 24–26) #8.
- 8. Patty, Exercises 1.3 (pp. 24–26) #19.
- 9. Patty, Exercises 1.3 (pp. 24–26) #23.