Work out all the following problems from Royden’s book. This set will not be collected or graded.

- **Section 6.1** (page 119): 2.
- **Section 6.2** (page 122,123): 7, 8 a), b).
- **Section 6.3** (page 126,127): 12, 16, 18.
- **Section 6.5** (page 134): 21 a), 24.