Please show all your work, don’t just write down the final number.

- Reading: Chapter 5
- Exercises: 5.1.5, 5.1.10, 5.1.16, 5.1.20, 5.2.1, 5.2.2, 5.2.3 (for part ii, from 3.11(ii), the answer is 0.9855), 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.5, 5.3.7,