

(1)-(4) are problems on the online notes.

(1) Exercise 1.1 # 2.

(2) Exercise 1.2 #6.

(3) Exercise 1.3 #3 and #4.

(4) Exercise 1.4 #1, #2, and #6.

(5) Appendix C in Hungerford, Exercise # 5 and #8.