

1. Exercise 3.3 (inverse of an increasing function..)
2. Exercise 3.10 (Extension of Jensen's inequality..)
3. Exercise 3.16 (check convexity), page 116
4. Exercises 3.32 and 3.24
5. Exercises: 4.1 (page 189), 4.3, 4.5, 4.7
6. Exercises: 5.27, 5.29, 5.30, 5.31