

Homework assignment 2

section 2.3, exercises 3 and 6

section 3.1, exercises 1, 5, and 16(d)

section 3.2, exercises 4(b), 10(a) and 10(c)

section 3.3, exercises 1, 2, and 3

section 4.1, exercise 5 (hint: use induction). Give solution for finite unions only. (Solution for finite intersections is almost identical.)

section 4.1, exercise 15

section 4.2, exercises 6 and 8