These are all textbook exercises.

Pages 74–75 Exercises 4.1-1, 4.1-2

Page 83 Exercise 4.2-7 (this is similar to what I discussed the first day)

Pages 87–88 In each of the following, do the inductive step only: Exercises 4.3-1, 4.3-2 (do not ignore the ceiling!), 4.3-3 (do not ignore the floor!), 4.3-5, 4.3-6, 4.3-8, 4.3-9

Pages 92–93 Exercises 4.4-1, 4.4-2, 4.4-4, 4.4-6, 4.4-7

Pages 96–97 Exercises 4.5-1(a,b,c), 4.5-2, 4.5-3, 4.5-4

Pages 107–108 Problems 4-1(a,c,f,g), 4-3(a,c,e,g,i,j)

If I ask for the substitution method on a quiz or exam, you will only need to do the inductive case.