All exercise numbers refer to the course textbook:

**Title:** *Introduction to Algorithms* (3rd Edition)

**Authors:** T. Cormen, C. Leiserson, R. Rivest, C. Stein

**Publisher:** MIT Press (2009)


### Solving Recurrences

**Substitution Method**

Exercise 4.3-1  
Exercise 4.3-2

**Recursion-Tree Method**

Exercise 4.4-2  
Exercise 4.4-5

**Master Method**

Exercise 4.5-1  
Exercise 4.5-3