

## HOMEWORK 6

- (1) (20pts) Calculate the fundamental units in the following fields (see the definition on page 63 of BOOK).
  - (a)  $K = \mathbb{Q}[\sqrt{10}]$ .
  - (b)  $K = \mathbb{Q}[\sqrt{21}]$ .
- (2) (5pts) What other (algebra related) things are you interested to learn?