Write up solutions to the following exercises from Dummit and Foote. Note that all our rings/subrings have identity, so you should make this assumption whenever ring/subring appears in the exercises below.

- Section 7.1: 3, 13, 27 (you will need to read the statement of 26)
- Section 7.2: 1, 2, 3
- Section 7.3: 8, 18