

## Problem Set 6

The following exercises are taken from the third edition of “Dummit & Foote”

1. n. 7, 8, 13, 14, 23, 26 pp. 230–233.
2. nn. 2 pp. 237–239.
3. n. 4, 6, 10 pp. 247–251
4. n. 13, 16, 37. pp. 256–260
5. n. 3, 8 pp. 282–283
6. n. 5, 6 pp. 292–294
7. n. 1, 2, 3, 7, 8 pp. 301–303
8. n. 1, 7, 8 pp. 311–313