

**FIRST HOMEWORK, DUE THURSDAY SEPTEMBER
16TH**

Feel free to work with others, but the final write-up should be entirely your own and based on your own understanding.

1. (6 pts) (1.1.20).
2. (5 pts) (1.1.22).
3. (6 pts) (1.1.24).
4. (5 pts) (1.2.3).
5. (5 pts) (1.2.10).
6. (8=2+2+4 pts) (1.2.11).
7. (5 pts) (1.2.14).
8. (5 pts) (1.2.16).
9. (5 pts) (1.2.24).
10. (8 pts) (1.2.28).
11. (5 pts) (1.2.30).
12. (5 pts) (1.2.35).
13. (10 pts) (1.2.38).
14. (4 pts) (1.3.4).
15. (5 pts) (1.3.8).
16. (5 pts) (1.3.12).
17. (5 pts) (1.3.13).
18. (10 pts) (1.3.17).