

Math 128A, problem set 04
Outline due: Wed Feb 25
Due: Mon Mar 02
Last revision due: Mon Mar 16

Problems to be done, but not turned in: (Ch. 4) 15, 19, 23, 33, 39, 45; (Ch. 5) 1, 3, 17.

Fun: (Ch. 4) 42, 56, 64.

Problems to be turned in:

1. Justify all answers.
 - (a) (Ch. 4) 10.
 - (b) (Ch. 4) 12.
2. Determine the subgroup lattice for \mathbf{Z}_{24} .
3. (Ch. 4) 48. Prove your answer.
4. (Ch. 4) 60. Prove your answer.
5. (Ch. 4) 20.
6. (Ch. 5) 18(a).
7. Justify all answers.
 - (a) (Ch. 5) 4(b).
 - (b) (Ch. 5) 8.