

# Math 430 – Problem Set 3

Due October 5, 2017

The following problems are from Sections 4.4, 5.3 and 6.4 of the textbook. Make sure you have the 2017 version (downloadable at <http://abstract.ups.edu/download/aata-20170805.pdf>).

1. 4.14
2. 4.15(c) and (f)
3. 4.16(c)
4. 4.17(c)
5. 4.27
6. 5.2(c), (i) and (n)
7. 5.7
8. 5.16
9. 5.23
10. 5.26 (note: each part gives a different set of generators)
11. 5.30
12. 6.5(f)
13. 6.15