

## **Homework**

due on Wednesday, July 21

Read carefully Chapter 10. Solve problems 2, 4, 14, 16, 18 to Chapter 10. Note: In problem 18,  $p$  is a prime number. In problem 4, you should construct the answer starting with 5, and not by finding order of all other residues modulo 23 (hint: what powers of 5 have the same order modulo 23?).