Homework 1
Due Wednesday, September 14th

1. Do problems 1, 5, 12, 16, 17, 20, 32, 33, 37, 38, 40 from Dummit and Foote, "Abstract algebra", section 4.5.

2. Find all groups of order $7 \cdot 11^3$ which have a cyclic subgroup of order 11^3.