Math 6130: Homework 7

- $1. \ 4.5: \ 16, \ 26, \ 30, \ 32, \ 35, \ 44$
- $2. \ 4.6: \ 4$
- $3.\ 5.1{\rm :}\ 4,\ 7,\ 14$
- 4. Show that if $|G| \leq 50$ and G is simple, then G is abelian (ie. has prime order).