

Math 313 (Fall '09)  
**Homework 3**  
due October 1

The following exercises refer to the textbook (the seventh edition).

- Ch6: 39, 42
- Ch7: 13, 17, 25, 27
- Ch8: 44, 47, 53
- Ch9: 1, 4 [Note: you only need know the definition of normal subgroup]