AMAT	327(Z): Elementary	Abstract Algebra,	Spring 2011	Quiz # 15, April 29
Name:				

Let G and G' be groups and let  $f \colon G \to G'$  be a group homomorphism.

- Write the definition of ker(f) (the kernel of f).
  Prove that ker(f) is a subgroup of G.
  Prove that ker(f) is normal.