Homework 2
(Functions, permutations, and isomorphisms)
Due Wednesday, October 2 at 2:10pm in class.

Note: Be sure to justify your answers. No credit will be given for answers without work/justification. In addition, all written homework assignments should be neat and well-organized; **Part A and Part B should be submitted separately**.

Part A:
    (1) Chapter 6, Problems A.3, A.5, B.4, G.1-3.
    (2) Chapter 7, Problems A.1-5, H.3-4

Part B:
    (1) Chapter 8, Problems A.1(f), A.2(b), A.3(c), C.2
    (2) Chapter 9, Problems A.1-3, B.1-2, D.2
    (3) In addition, think about problem B.3 in Chapter 9, but do not submit a proof.