Homework 6
due November 14, 2001 in class

(1) Artin 2.9.2 (pg. 76)
(2) Artin 2.9.4 (pg. 76)
(3) Artin 2.9.8 (pg. 76)
(4) Artin 2.10.10 (pg. 76)
(5) Artin 2.10.11 (pg. 76)
(6) Artin Miscellaneous Problem 3 (pg. 77)
(7) Artin Miscellaneous Problem 4 (pg. 77)
(8) If p and q are prime, how many generators does the cyclic groups $\mathbb{Z}_{pq}$ have?