

**PMAT 2320 – Discrete Mathematics
Fall 2001**

Assignment #7

Instructions

- Answer each question completely; justify your answers.
 - This assignment is due at 9:00 am on November 08, 2001.
1. Exercise 3.2.9.
 2. Exercise 3.2.15, except part (a).
 3. Exercise 3.2.23.
 4. Exercise 3.3.12, part (b).
 5. Exercise 3.3.18, except parts (a) and (e).
 6. Is the following statement true or false: if $A \subsetneq B$ then $|A| < |B|$. Explain.