

**Math 2060 Homework Assignment #2**  
Due Wednesday January 28, 2004

1. (10 points) Problem 17G on page 196
2. (10 points) Problem 17H on page 196
3. (10 points) Problem 17I on page 197
4. (10 points) Problem 17J part (i) ONLY on page 197
5. (10 points) Construct two 7 by 7 Latin squares  $L_1$  and  $L_2$  such that  $L_1$  and  $L_2$  are orthogonal. (See definition of orthogonal on page 283.)