

MAT 160 Spring 2010

Homework 3. Due February 16.

1. Know how to execute the winning strategy for NIM, assuming you have the first move. Know how to explain why this works.
2. Prove that at any party there are two people who have the same number of friends present.
3. At a certain corner, the traffic light is green for 30 seconds and then red for 30 seconds. On the average, how much time is lost at this corner?