**Michael Trittin**

**Alloy Homework 3**

***Alloy Lab 3***

1. a. Friend$2, Friend$4  
   b. Friend$1, Friend$3, Friend$4  
   c. Friend$5.friendsWith  
    friendsWith.Friend$5  
   d. Friend$5 in Friend$2.^friendsWith and Friend$2 in Friend$5.^friendsWith  
    evaluates to true  
   e. some f: Friend | univ = f.^friendsWith  
    evaluates to true  
   f. all f: Friend | univ = f.^friendsWith  
    evaluates to true  
   g. set {f: Friend | f.^friendsWith = univ}  
    evaluates to {Friend$1, Friend$2, Friend$3, Friend$4, Friend$5}  
   h. Because you ran the model for degreeOfSeperation, which takes a friend parameter. So in this model, the parameter for degreeOfSeparation is Friend$5.
2. a. {IntTest$1