Quiz 01/27/2011 　　　　　　　　　　　　　Name_____

1. How is a pmf used to define a probability measure?

2. Define the following words as used in probability modeling:

 • experiment

 • outcome

 • event

3. A jar contains 5 red, 3 green and 2 black beads. One is taken out at random and then–
   without replacing the first—a second is taken. Use a tree diagram to calculate the proba-
   bility that both beads are the same color.