1. Three marbles are randomly selected from the jar
   a. What is the probability of selecting all black \textit{(without replacement)}?
   b. What is the probability of selecting all black \textit{(with replacement)}?

2. Three marbles are randomly selected from the jar
   a. What is the probability of selecting all yellow \textit{(without replacement)}?
   b. What is the probability of selecting all yellow \textit{(with replacement)}?
3. Mr. Jordan will excuse you from the test if you draw four cards (no replacement) and they are all aces. What is the probability of doing this?

4. Mr. Jordan is randomly selecting three students from his class (without replacement) to babysit Winston during afterschool tutoring. What is the probability that he selects 3 female students?