Determine if the following events are dependent or independent. Then calculate the probability of each.
21. Selecting a glazed donut from an assortment of twelve donuts, 4 glazed, 4 with sprinkles, 4 maple bars, and 4 cake donuts. Then eating it, and then selecting a maple bar from the same box.
22. Given a bag of marbles with 2 red, 3 green and 2 blue. What is the probability of choosing a red marble keeping it, then choosing another red marble?
23. Rolling a 3 on a dice and then drawing a red card from a deck of cards.
24. You are choosing two cards from a deck. The first card is a queen, if you keep that card what is the probability that the second card is a face card?
25. Flipping a coin, and getting tails both times.