

Kerry Ojakian's MTH 23.5 Class
Class Assignment #11

Two cards are drawn from a regular deck of 52 cards, **with replacement**.

1. What is the probability that the first card is red and the second is black?
2. What is the probability that the first card is red and the second is red?
3. What is the probability that the first card is a Jack and the second is a Queen?
4. What is the probability the first card is a Heart and the second is a Diamond?
5. What is the probability the first card is NOT a King and the second is a King?

Two cards are drawn from a regular deck of 52 cards, **without replacement**.

6. What is the probability that the first card is red and the second is black?
7. What is the probability that the first card is red and the second is red?
8. What is the probability that the first card is a Jack and the second is a Queen?
9. What is the probability the first card is a Heart and the second is a Diamond?
10. What is the probability the first card is NOT a King and the second is a King?

