Examples, Lecture 15

1. We draw one number from the whole numbers 1 to 50.

    (a) What is the probability that we obtain a multiple of 5 or a multiple of 2?

    (b) What is the probability that we do not obtain a multiple of 5 or a multiple of 2?

2. Suppose that we draw a card from a deck, what is the probability that it is a red card or a face card?

3. Suppose that we flip a coin 20 times, what is the probability that we get at least one head?

4. Suppose we flip a coin 20 times, what is the probability that we get exactly one head?

5. Suppose that we draw the five of hearts from a deck of cards. If we draw another card without replacing the five of hearts, what is the probability of obtaining a red card?