**Chapter II**

# Introduction to Probability

## Exercises

**2. 1.**
Consider a box with $n$ white and $m$ red balls. Find the probability of selecting a white ball.

**2. 2.**
What is the probability that at least one "head" will occur in two throws of a coin?

**2. 3.**
During a given week the probability that a particular common stock will increase, remain unchanged, or decline is estimated to be 0.30, 0.20, and 0.50, respectively.

1.  What is the probability that the stock issue will increase in price or remain unchanged?
2.  What is the probability that the price of the issue will change during the week?

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