

CHAPTER OVERVIEW

11: Probability

Learning Objectives

In this chapter, you will learn to:

1. Write sample spaces.
2. Determine whether two events are mutually exclusive.
3. Use the Addition Rule.
4. Calculate probabilities using both tree diagrams and combinations.
5. Do problems involving conditional probability.
6. Determine whether two events are independent.

11.1: Sample Spaces and Probability

11.1.1: Sample Spaces and Probability (Exercises)

11.2: Mutually Exclusive Events and the Addition Rule

11.2.1: Mutually Exclusive Events and the Addition Rule (Exercises)

11.3: Probability Using Tree Diagrams and Combinations

11.3.1: Probability Using Tree Diagrams and Combinations (Exercises)

11.4: Conditional Probability

11.4.1: Conditional Probability (Exercises)

11.5: Independent Events

11.5.1: Independent Events (Exercises)

11.6: Chapter Review

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