



Chapter - IX



Probability

Learning Objectives:

Students will be able to:

- Find out sample space in a random experiment
- Recognize whether events are mutually exclusive, independent or dependent
- Apply theorem of total probability in different situations
- Apply Bayes' theorem in practical situations.

Before you start you should know

Sets, Union and Intersection of sets, Definition of probability and Addition and multiplication rule of probability.

Revise your ideas on probability here:

<https://www.khanacademy.org/math/probability/probability-geometry/probability-basics/a/probability-the-basics>



