



# Probability

## 1 Why

We want to talk about things which may happen.

## 2 Concept

An aspect of the future interests us. The idea in probability will associate these aspects with elements of a set. We will then use numbers which

We associate this aspect with elements of a set. We will call this

In modeling the future we will partition it into number of outcomes. The number of outcomes may be infinite, but it is more often finite. The outcomes are things of what happen. The idea is that the future will occur, and then we will know which one of the many outcomes has taken place.