# Simple Probability

*Ex.*      Now, let's say we flip a coin, we'll call that the experiment. The set of all possible outcomes – the sample space consists of heads or tails.

*Ex*      A card is drawn from an ordinary deck of cards, what is the probability that it is an ace?

*Ex*      If I flip two coins, a quarter and a dime, what's the probability of getting two heads?  What are the possible outcomes?