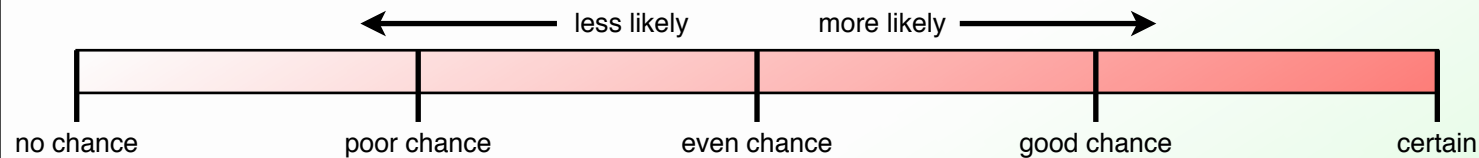


PROBABILITY

Probability is the chance (or likelihood) of an event happening. We can describe probability using words from a probability scale:



We can also describe probability using fractions.

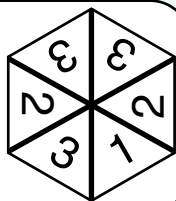
The probability of a flipped coin landing on heads is one out of two.

$$\frac{1}{2}$$



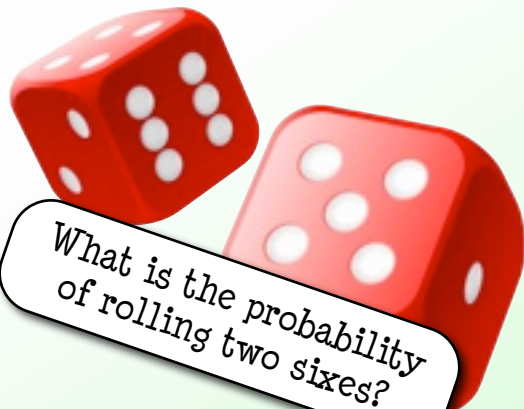
The probability of this spinner landing on '3' is three out of six.

$$\frac{3}{6}$$



The probability of rolling a '2' on a die is one out of six.

$$\frac{1}{6}$$



What is the probability of rolling two sixes?

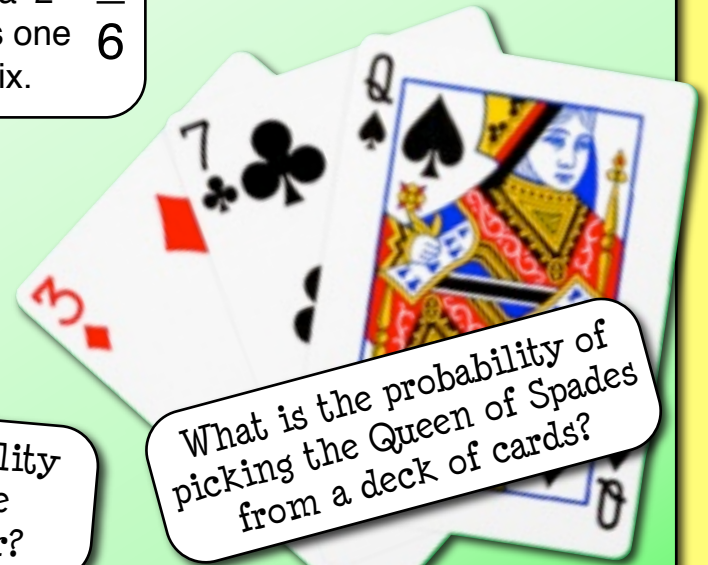
What is the probability of a flipped coin landing on tails?



What is the probability of picking a white marble out of a jar?



What is the probability of picking the Queen of Spades from a deck of cards?



What is the probability of a ball falling in a black pocket on a roulette wheel?

What does 'random' mean? If you put your hand into a bag of marbles and took one out without looking, you picked it at **random**. You didn't choose that one - you got it by chance.

