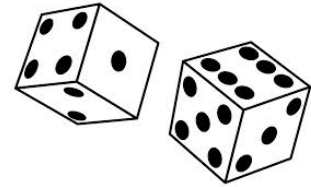




Probability



Describes how likely it is that an event will happen...

probability

the chance that a particular outcome will occur

COIN TOSS

Heads or tails?



outcome

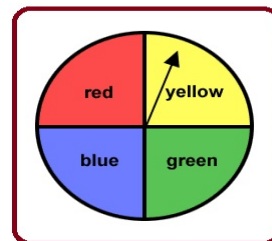
one of the possible results of a probability experiment



Possible Outcomes: 1, 2, 3, 4, 5, or 6

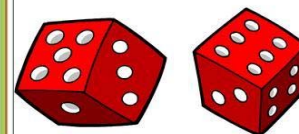
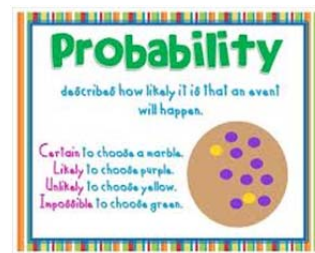


Probability



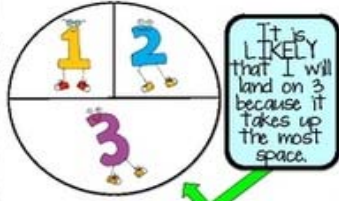
Probability is a measure of the likelihood that an event will occur, using mathematical language (i.e., impossible, less likely, equally likely, more likely, certain) to describe events by conducting simple games

and experiments



Likely

Something that will
PROBABLY happen



our Math word wall

Impossible

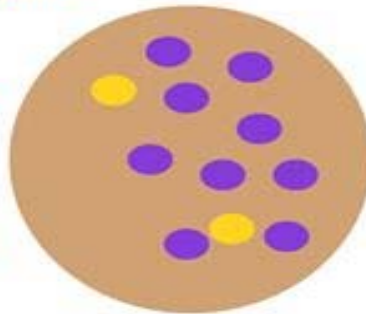


It is **IMPOSSIBLE** to pick a
purple skittle out of the
jar.

Probability

describes how likely it is that an event
will happen.

Certain to choose a marble.
Likely to choose purple.
Unlikely to choose yellow.
Impossible to choose green.



IMPOSSIBLE

SOMETHING THAT WILL NEVER HAPPEN

certain

SOMETHING THAT WILL ABSOLUTELY
HAPPEN. IT'S 100% GOING TO HAPPEN

Probability
What are my chances?



Rolling a 14



Heads



The sun will rise



certain to choose red



likely to choose red



equally likely to choose red or blue



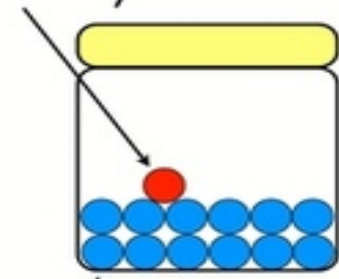
unlikely to choose red



impossible to choose red

What are the chances?

*least likely
 *unlikely



*most likely

Certain

A result that will always occur
(i.e., that the sun will come up
every morning)



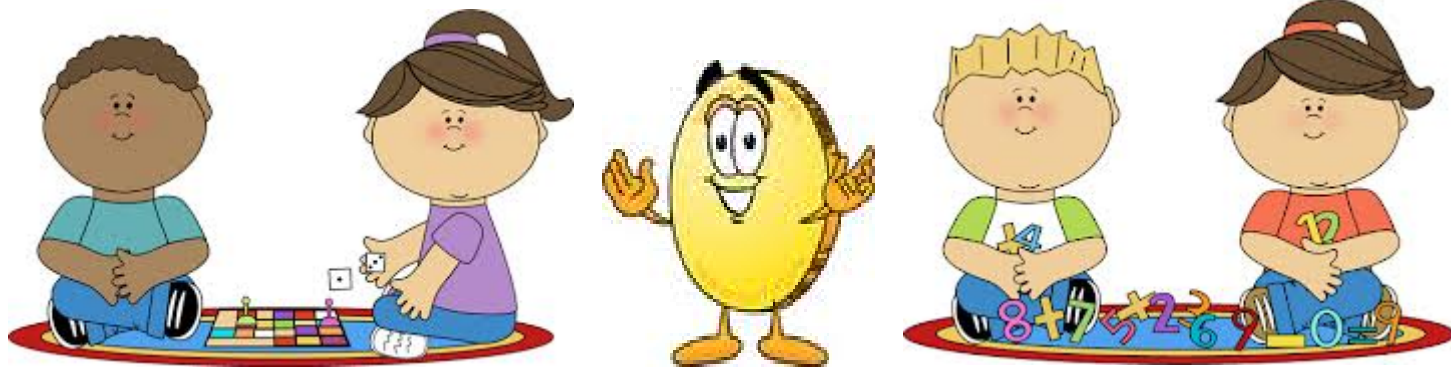
More Likely

A result that can easily occur
(i.e., We will walk to school tomorrow)



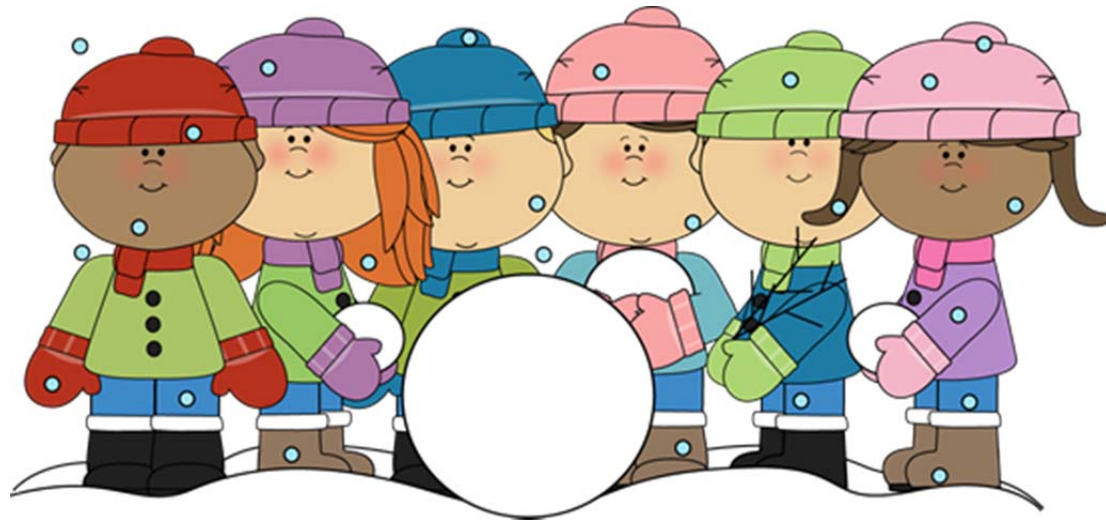
Equally Likely

Results that have an equal chance of occurring (i.e., when flipping a coin, heads and tails are equally likely)



Less likely

A result that has little chance of occurring (i.e., In **August**, there will be a snowstorm where we live)



Impossible

A result that cannot occur
(i.e., that Pigs can fly)

