Probability
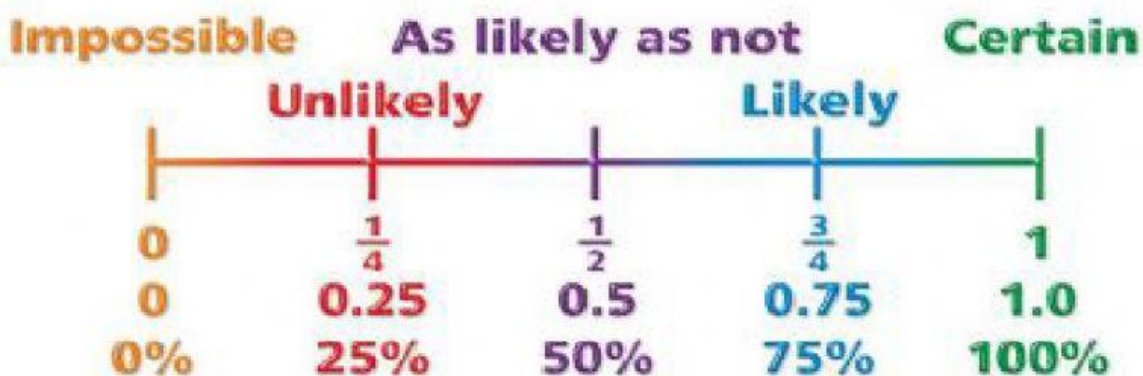
Probability formula = <u>possible outcomes</u>
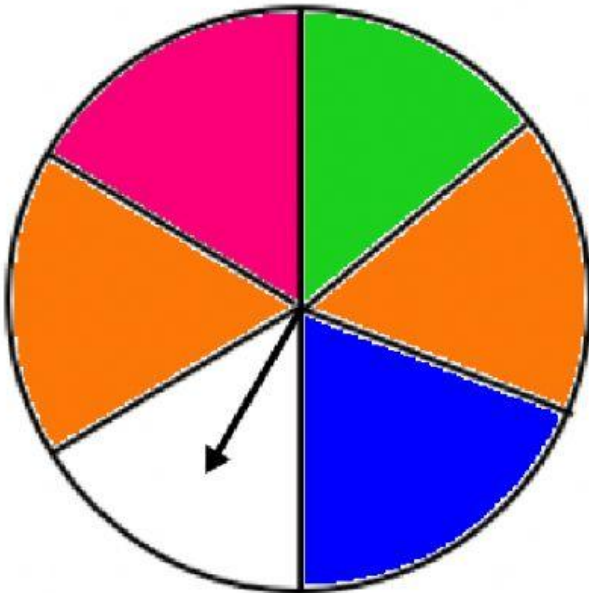
Total outcomes

Watch The Video:

Play the quiz:

Read:

The **probability** of an event, written $P(\text{event})$, is the measure of how likely the event is to occur. A **simple event** has a single outcome. A **compound event** is two or more simple events. Probability is a measure between 0 and 1, as shown on the number line. You can write probability as a fraction, a decimal, or a percent.

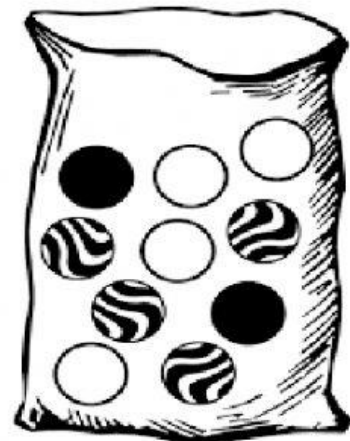| Impossible	Unlikely	As likely as not	Likely	Certain
0	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
0	0.25	0.5	0.75	1.0
0%	25%	50%	75%	100%

Choose the correct:

- Probability of even numbers when rolled a die =
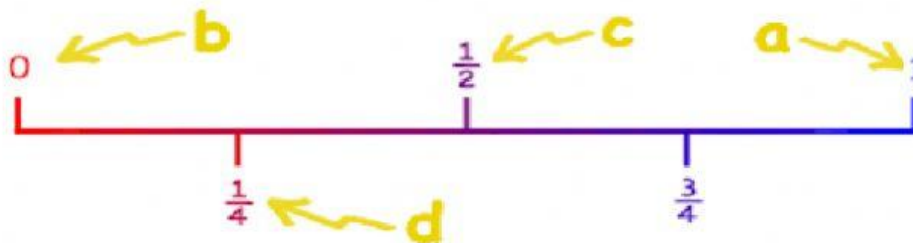- Take a look at the spinner:

Select:

- What is the probability that the spinner will land on blue:
- What is the probability that the spinner will land on orange or white:
- What is the probability that the spinner will land on Pink:

Have a look at this bag of toffees. Caira takes a toffee out:

- What is the chance that a patterned ball will come:

- What is the probability that a black and white ball will come:

Take a look at this probability line and Match:

What is at a   Certain

What is at b   Even

What is at c   Impossible

What is at d   Likely

What is at ¾   Unlikely