

# Probability

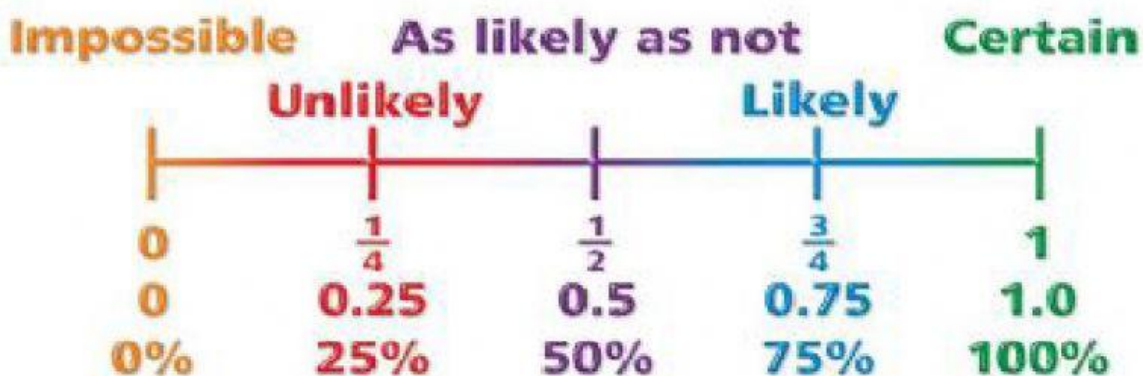
Probability formula =  $\frac{\text{possible outcomes}}{\text{Total outcomes}}$

Watch The Video:

Play the quiz:

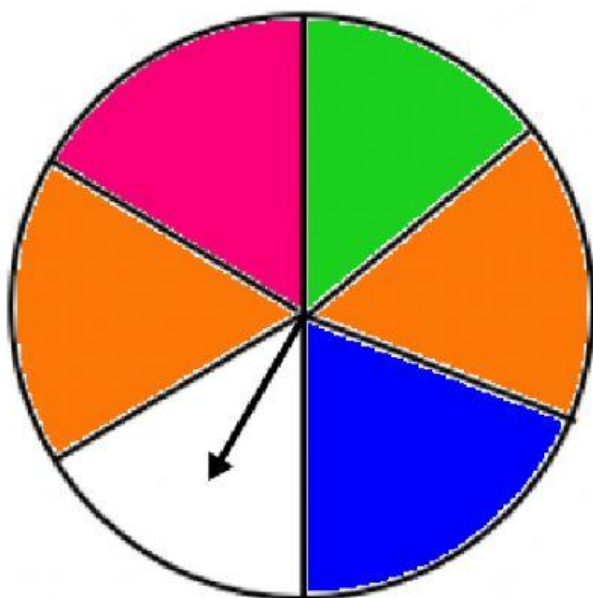
Read:

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.



Choose the correct:

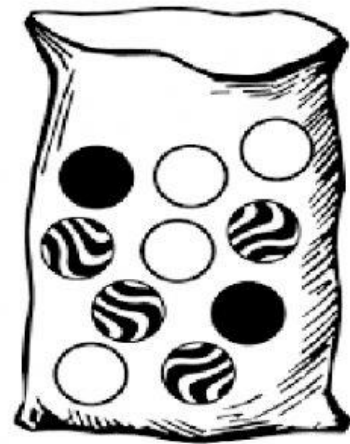
- Probability of even numbers when rolled a die =
- Take a look at the spinner:



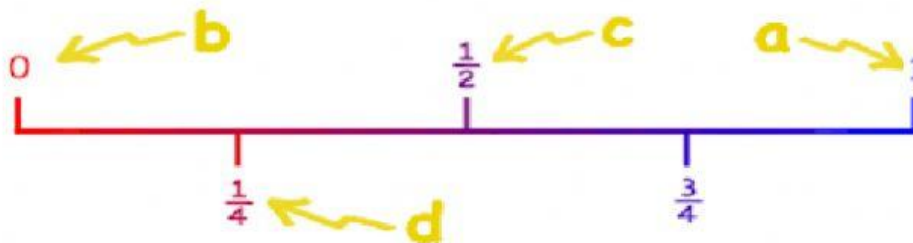
Select:

- 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 $\frac{3}{4}$ | Unlikely   |