

PROBABILITY

The chance of an event happening or not happening.

EVENT

An activity.

OUTCOME

The result of an event.

SUCCESS

The required outcome.

PROBABILITY SCALE

Measures the chance of obtaining a required outcome.

Probability can be written numerically as a fraction, decimal or percentage.

The probability scale is from 0 to 1 or from 0% to 100%.

IMPOSSIBLE

Event will definitely not happen.

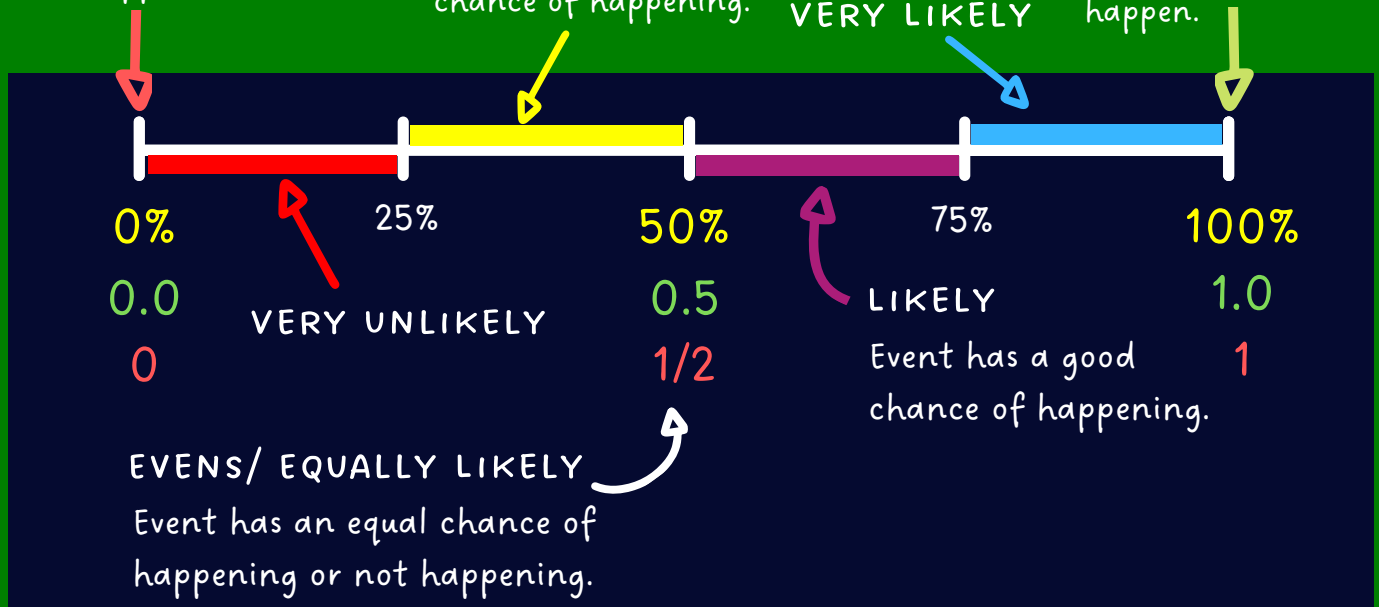
UNLIKELY

Event has little chance of happening.

VERY LIKELY

CERTAIN

Event will definitely happen.



$$\text{PROBABILITY (EVENT)} = \frac{\text{number of successful outcomes}}{\text{total number of outcomes}}$$

$$\text{PROBABILITY (event happening)} + \text{PROBABILITY (event not happening)} = 1$$