



## Probability Concepts Glossary

Term	Definition
Probability	A number between 0 and 1 representing the likelihood of an event occurring
Venn Diagrams	A diagram using circles to represent sets and show relationships between them
Probability Trees	A diagram that uses branching to calculate probabilities of combined events
Two-way Tables	A table that displays frequencies for two variables, useful for calculating probabilities
Mutually Exclusive	Two events that cannot occur at the same time
Conditional	The probability of one event given that another event has occurred
Distribution	The probability of each possible outcome in a scenario
Independence	Two events where the outcome of one has no influence on the outcome of the other
Event	A set of possible outcomes
Outcome	A possible result of a trial or experiment
Trial	A single performance of an experiment
Randomness	Occurring in an unpredictable way