

arrangement

an ordered selection

at least

a number equal to or greater than the given value

complementary event

all the outcomes that are not the actual event

event

in probability, a result involving one or more outcomes

experimental probability

an estimate of the theoretical or calculated probability; the relative frequency of an event in repeated trials of an experiment

financial expectation

in a game of chance, the expected or average amount of money returned per game; calculated by multiplying every financial outcome by its probability and adding the results together

multiplication principle

the idea that the total probability of event A and event B occurring is calculated by multiplying their individual probabilities

multi-stage event

an event that involves two or more outcomes occurring together e.g. tossing a coin and rolling a dice

ordered selection

a selection of items where the order is important e.g. choosing a captain and a vice captain of a team

outcome

in probability, the result of a situation or experiment

probability	a measure of how likely an event is to occur; ranges in value from zero to one
random	not able to be predicted
relative frequency	the number of times an event or score occurs, written as a fraction of the total probability; used to approximate theoretical probability
sample space	the set of all possible outcomes of a situation or experiment
theoretical probability	the number of ways that the event can occur, divided by the total number of outcomes

tree diagrams	a diagram for listing all the possible outcomes of a multi-stage experiment
trial	one of the attempts in a repeated situation, experiment or test
two-way table	a way of organising the values of two variables
unordered selection	a selection of items where the order is not important e.g. choosing three students to represent the school