

Name _____

Date _____

Unit 13 · Probability — glossary

All 16 key words, with a worked example for each.

Term	Meaning	Example
probability	How likely something is, from 0 to 1.	$P(\text{head}) = 1/2$.
outcome	One possible result.	Rolling a 4.
event	The outcome or outcomes you are interested in.	Rolling an even number.
impossible	It can never happen; probability 0.	Rolling a 7 on a dice.
certain	It must happen; probability 1.	Rolling less than 7.
even chance	Just as likely as not; probability $1/2$.	A fair coin landing heads.
equally likely	Every outcome has the same chance.	The six faces of a fair dice.
favourable outcome	An outcome that counts as the event happening.	2, 4 and 6 for "even".
complement	The event not happening.	$P(\text{not } A) = 1 - P(A)$.
mutually exclusive	Two events that cannot both happen.	Rolling a 2 and a 5.
trial	One go of an experiment.	One roll of the dice.
experimental probability	Successes divided by trials.	8 sixes in 60 rolls.
theoretical probability	What should happen, from the outcomes.	$1/6$ for a six.
expected number	Probability $\times$ number of trials.	$1/6 \times 60 = 10$.
bias	When outcomes are not equally likely.	A weighted spinner.
random	Chosen so every outcome has an equal chance.	Drawing without looking.