

Name _____

Date _____

Unit 11 · Graphs — glossary

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

Term	Meaning	Example
coordinates	A pair of numbers fixing a position.	$(3, -2)$.
x-coordinate	The first number: how far across.	3 in $(3, -2)$.
y-coordinate	The second number: how far up or down.	-2 in $(3, -2)$.
origin	The point $(0, 0)$ where the axes cross.	Everything is measured from it.
axis	One of the two number lines.	The plural is axes.
quadrant	One of the four regions the axes make.	Quadrant 1 is top right.
midpoint	The point exactly halfway between two others.	Average both coordinates.
gradient	How steep a line is; the number in front of x.	3 in $y = 3x + 2$.
y-intercept	Where a line crosses the y-axis.	2 in $y = 3x + 2$.
table of values	x values and the y values they give.	Used before plotting.
plot	Mark points on a grid.	Then join them with a ruler.
parallel	Lines with the same gradient.	They never meet.
conversion graph	A graph for changing units.	Miles to kilometres.
distance-time graph	Distance travelled against time.	Its gradient is speed.
rate	How much one quantity changes per unit of another.	80 km per hour.
scale	What one square on an axis is worth.	Check it before reading.