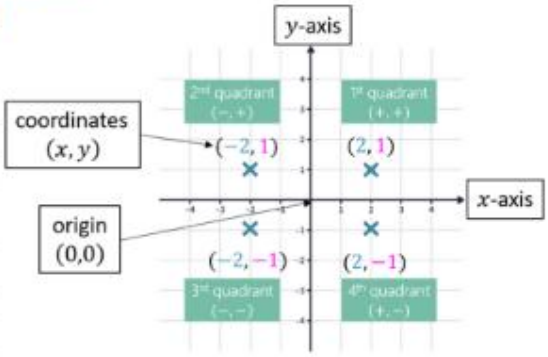
Key words and symbols: what I need to say and write accurately

Word	Explanation
midpoint	the point exactly in the middle of two others
gradient	the steepness of a line
y-intercept	where a graph crosses the y-axis
x-intercept	where a graph crosses the x-axis
parallel	describing two lines that have the same gradient so will never intersect
to intersect	to cross – we say two lines intersect
simultaneously	at the same time
parabola	the name of the shape of a quadratic graph
vertex	the turning point of a quadratic graph



Fingertip facts: what I need to learn by heart

The equation of any straight line can be written in the form $y = mx + c$.

The coefficient of x gives the gradient

$$y = mx + c$$

The constant gives the y intercept

The steepness of a line is its gradient.

The value of the gradient is the number of units moved vertically for every unit moved horizontally. In other words: 1 right, ____ up/down.

This line goes 1 right, 3 up, so its gradient is 3.

