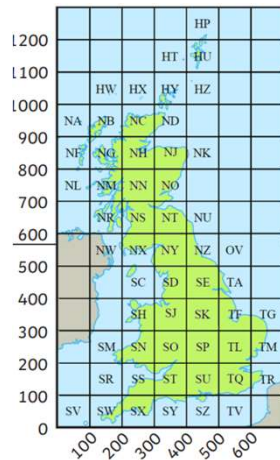


# Geography: Maps

Key Vocabulary	
<b>Atlas</b>	A collection of maps often of each country in the world.
<b>Compass</b>	A tool used for showing direction.
<b>Digital Map</b>	A map that uses technology such as a satnav.
<b>Easting</b>	The numbers used in a grid reference that run west to east.
<b>Northings</b>	The numbers used in a grid reference that run south to north.
<b>Grid References</b>	The numbered squares on a map used to locate a place.
<b>National Grid</b>	system used to split Great Britain into 100km squares.
<b>Ordnance Survey Maps</b>	Detailed maps of Great Britain where each square represents 1km squared (1km <sup>2</sup> )
<b>Symbols</b>	Small pictures, letters or lines that represent a feature.

An OS (Ordnance Survey) Map is a vital tool for planning off-road walks, using symbols to guide walkers. Obtainable online or in stores, these maps have scales - 1cm equals 250m on smaller ones and 500m on larger ones. Faint blue lines divide the map into squares, and edge numbers help locate places, crucial if you're lost and need assistance.



## General Knowledge

### Grid references

A map is crisscrossed with horizontal and vertical lines that create a grid.

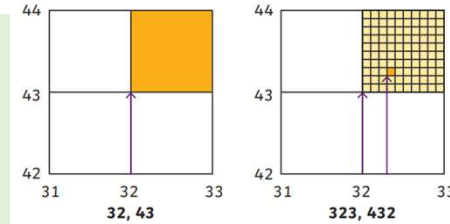
- The grid and squares help to narrow a search area so you can locate features on a map.
- Usually, the lines are numbered with two digits.
- Grid references can be even more specific by adding an extra digit to both the easting and northing numbers.
- These six-digit grid references, e.g. (323,432), tell us more precisely whereabouts in the square something is.

- Eastings are the numbers that run from west to east.
- Northings are the numbers that run from south to north.
- The easting and northing numbers are put together to create a fourdigit grid reference, e.g. (32,43), which refers to the bottom left corner of a square on the map.

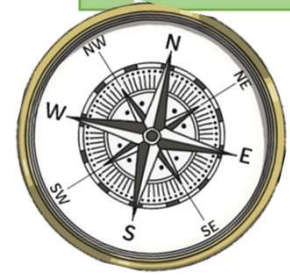
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Four-figure and six-figure grid references.



### Eight Point Compass.

- north (N)
- north-east (NE)
- east (E)
- south-east (SE)
- south (S)
- south-west (SW)
- west (W)
- north-west (NW)

### The National Grid

The National Grid is a grid reference system for the whole of Great Britain.

- It splits Great Britain into squares - each is 100km.
- The spaces can be identified by using two letters e.g. SK
- Easting and northing numbers can be used to split the squares into smaller sections making them easier to use.

### Symbols

- Maps use symbols instead of words to label real-life features.
- A key on the map tells you what the symbol means

Nature reserve	Motorway	Cycle Trail	Train station	Footpath	Place of Worship