

Key terms	
Physical world	What our planet is like. The work of rivers, the sea and ice.
Human world	How and where people live, develop and earn a living.
Environmental world	Habitats, such as mountains, forests, oceans, and how they develop and change.
Longitude	Lines of longitude run north and south on Earth.
Latitude	Lines of latitude circle the Earth from east to west.
Ordnance Survey	National mapping agency of the United Kingdom.
Spot height	Marked by a black dot with the height in metres along side it.
Contour lines	Join areas that are the same height above sea level.
Continents	World's main continuous areas of land.
Population	The total number of people living in a particular area.
Distribution	The way something is spread over an area.
Settlements	Places where people live and work.

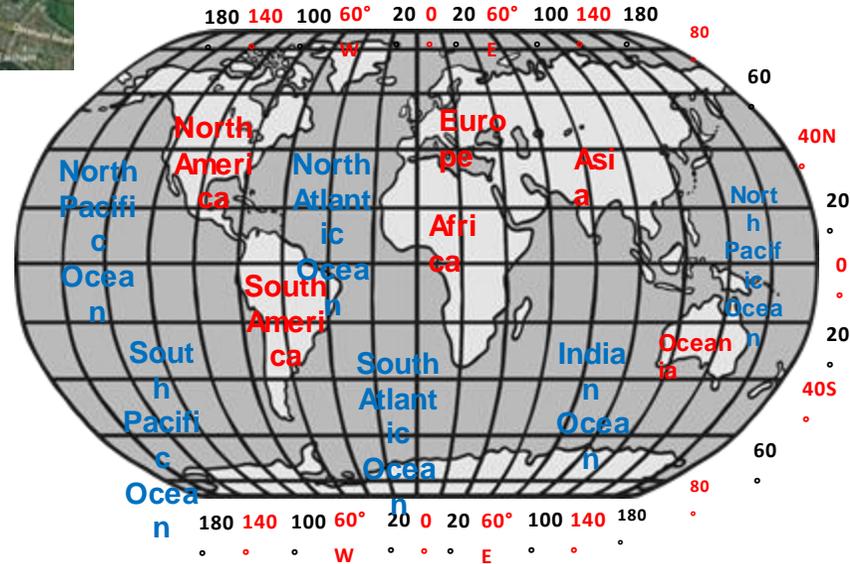
# Maps



My Checklist	R	A	G
I know what a geographer is			
I know how to use longitude and latitude to find places around the world			
I know what an OS map is and can use 4 and 6 figure grid references			
I can use contour lines to find height			
I can describe population distribution around the world and in the UK			

Homework tasks	
Task 1	Create a table of keywords, using pictures to help describe.
Task 2	Create a step-by-step guide on how to use 4 or 6 figure grid-references
Task 3	Make a mind map on scale, contour and heights and population distribution.

Scan Me!



## 4 and 6 figures

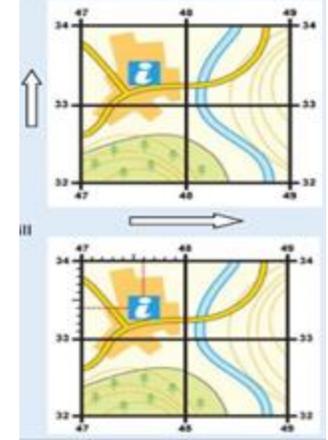
All maps OS maps have grids on them. We use these grids to work out where things are and to navigate.

### 4 figures

Go along the eastings until you are below the bottom left corner of the square you're looking for. Go up the northings until you are on the bottom left hand corner of the square you're looking for. Check which number is on the eastings first, followed by the northings. Write your 4-figure reference like this: 48, 33

### 6 figures

Find your 4 figure grid reference. Imagine the square is divided into 100 tiny squares, 10 along the bottom and 10 along the side. Estimate how far along and how far up your feature is and right your reference like this: 486, 332

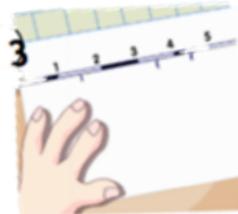


## Scale

Scale shows us the relative size and distances of things on a map

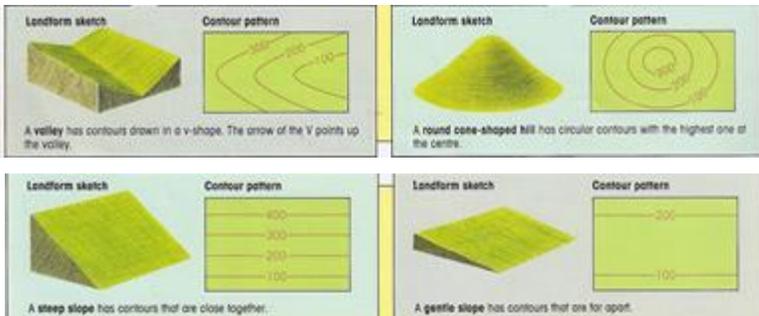
Place the corner of a straight edge on your starting point.

Now pivot the paper until the edge follows the route that you want to take. Every time the route disappears or moves away from the straight edge of your paper, make a small mark on the edge and pivot the paper so the edge is back on course.



## Contours and Height

Contours show us height on a map, each line connects areas of equal height. If you walk along a line, you will not go up or down in height. These lines are measured in height above sea level.



Triangulation points show the heights points on a hill

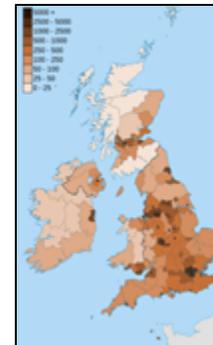
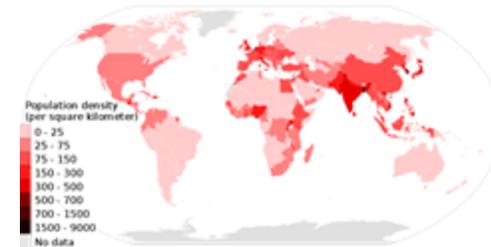


# Maps and Population

## Population Distribution

The world's population is not evenly spread across the world, as the map below shows.

Factors such as relief, rivers, access to jobs, and entertainment all impact where people live.



Similar to the global population, the UK population is also not distributed evenly. Areas to the south east and north west make up the most populated areas and Scotland and Northern Ireland are the least populated.