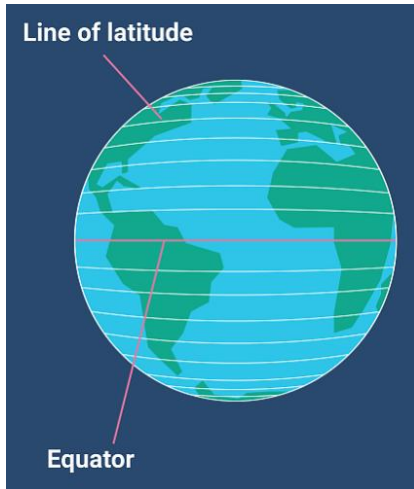


## What are lines of latitude?

Latitude lines run horizontally on maps and globes. They measure how far a place is from the equator, which is the imaginary line around the middle of the Earth.



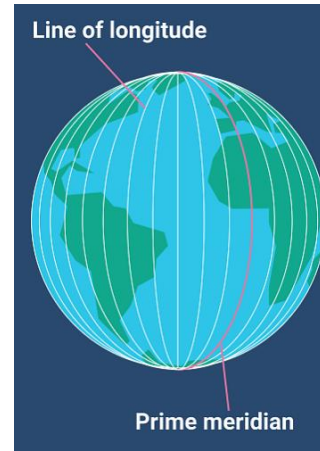
# Y5 Geography

## Position in the World



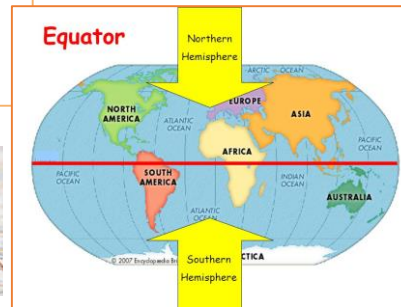
## What are lines of longitude?

Longitude lines run vertically on maps and globes. They measure how far a place is from the Prime Meridian, an imaginary line running from the North Pole to the South Pole.



## Why are longitude and latitude important?

Latitude and longitude help pilots, sailors, and even your GPS know exactly where they are. It's like having a big map grid that covers the whole world!



## How are lines of longitude and latitude used to locate places on the earth?

### Latitude and Longitude Coordinates

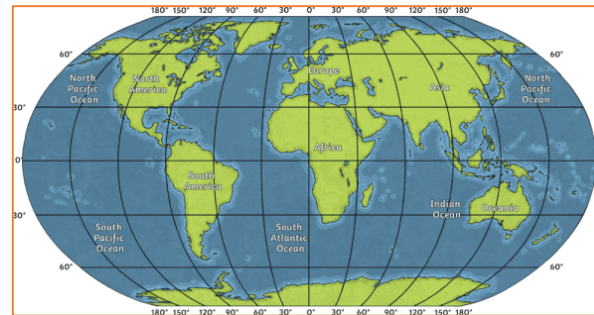
- Coordinates are like the address of a place on Earth.
- Latitude is always first, followed by longitude.

### Finding a Location

- To find a location, look for the latitude and longitude lines on a map.
- Latitude is marked with horizontal lines and longitude is marked with vertical lines.

### Example

- If you have coordinates 40°N, 74°W, it means 40 degrees north of the equator and 74 degrees west of the Prime Meridian. This could be a location in the United States, like New York City.



## Key vocabulary

<b>Capital city</b>	A large settlement where the country's government is located
<b>equator</b>	an imaginary line that goes around the centre of the world and cuts the world into two equal parts
<b>Line of latitude</b>	An imaginary line that runs parallel to the equator.
<b>Line of longitude</b>	Imaginary lines that run around the Earth vertically (up and down) and meet at the North and South Poles.
<b>Northern and southern hemisphere</b>	The top half of the world and the bottom half of the world.
<b>Prime meridian</b>	an imaginary line at 0 degrees longitude. This line runs through Greenwich in London.
<b>Political map</b>	A map showing countries and cities
<b>Physical map</b>	A map showing the elevation of land - hills and mountains.
<b>Thematic map</b>	A map about a subject