

Latitude and longitude are the lines that go across, and up and down, on maps. They exist only on paper. There are no lines on the actual ground to see.

Lines of **latitude** run parallel to each other around the earth.

The **equator** is the 0 degree line of latitude.

The other lines of latitude go north and south of the equator. The North Pole is 90 degrees north and the South Pole is 90 degrees south.

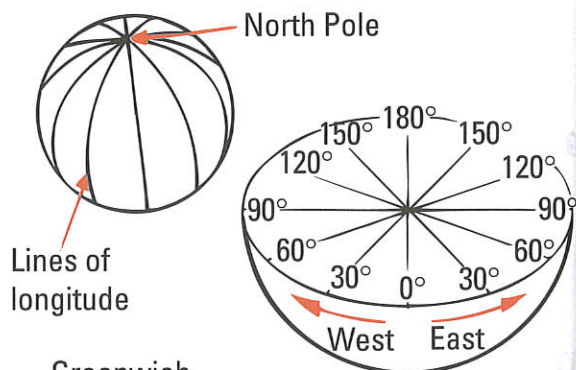
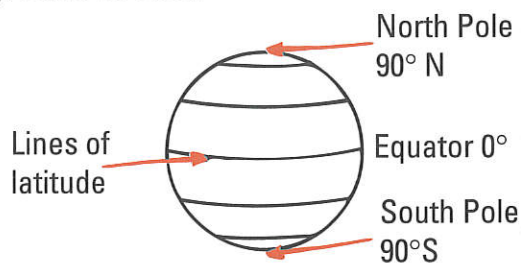
The equator divides the world into two hemispheres - the **Northern Hemisphere** and the **Southern Hemisphere**.

A line of latitude is always north or south, except the equator because it's the only 0 degree.

Lines of **longitude** run from the North Pole to the South Pole.

This is the earth flattened to show the divisions between longitude lines. The 0 degree line and the 180 degree line divide the world into two hemispheres called the **Eastern Hemisphere** and the **Western Hemisphere**.

A longitude line is always east or west, except for the 0 degree line and the 180 degree line because there is only one of each.



1 Write down the names of the following shown on the globe.

- a) \_\_\_\_\_ the Pole
- b) \_\_\_\_\_ the Hemisphere
- c) \_\_\_\_\_ a line going from Pole to Pole
- d) \_\_\_\_\_ the line going round the middle
- e) \_\_\_\_\_ a line going around the globe
- f) \_\_\_\_\_ the Hemisphere
- g) \_\_\_\_\_ the Pole

**2 Check out the map of New Zealand & Dependencies and fill in the following.**

- a) The numbers down the left side refer to lines of \_\_\_\_\_.
- b) If the next line was drawn after 10 it would be the \_\_\_\_\_.
- c) The numbers across the top refer to lines of \_\_\_\_\_.
- d) The latitude line 'through' NZ is \_\_\_\_\_ degrees.
- e) The longitude line 'through' the Cook Islands is \_\_\_\_\_ degrees.
- f) The latitude line 'through' Tonga is \_\_\_\_\_ degrees.

