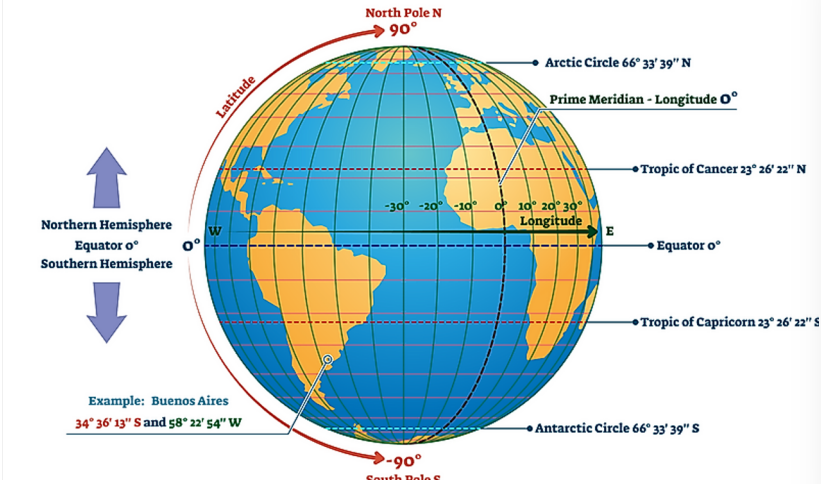


# TIME ZONES

## Vocabulary

**Latitude:** a measurement on a globe or map that is north or south of the Equator. **Longitude:** a measurement of a location east or west of the prime meridian. **Prime Meridian:** an imaginary north-south line that passes through the north and south poles and Greenwich, London. **Equator:** A circle around the earth that is equidistant from both the poles. **Hemisphere:** Area either side of the equator – northern and southern.

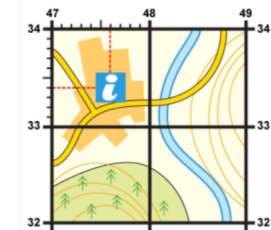
## Latitude and Longitude



## The Prime Meridian



## Six-figure grid references



Imagine that each grid is divided into 100 tiny squares. The distance between one grid line and the next is divided into tenths.

Here the reference is 476334.

## Greenwich Mean Time

GMT is the an internationally standard time format. It is the main time zone in several countries including the U.K.

GMT is also called UTC ( Co-ordinated Universal Time). Time differences are written as GMT/UTC plus or minus a number of hours.

When the sun is at its highest point above the Prime Meridian it is 12 noon.