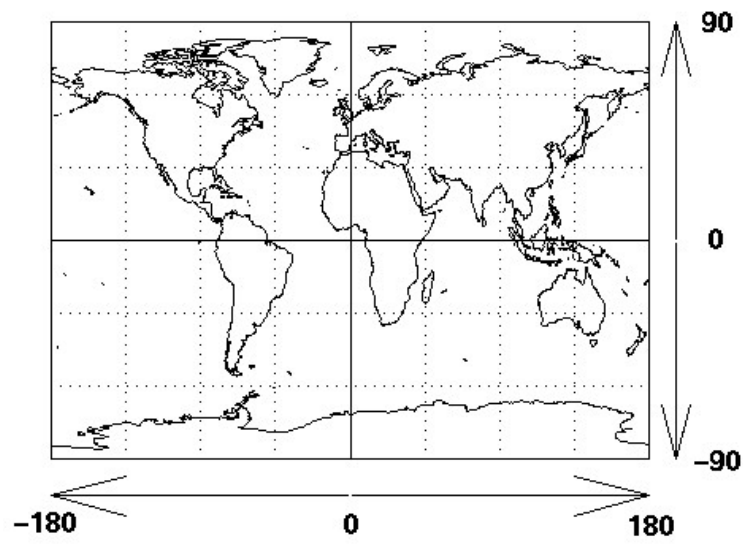


# Phone GPS tracking

## Latitude and Longitude

GPS uses Latitude and Longitude to locate positions on the globe. Latitude and Longitude can be thought of as imaginary lines which run horizontally and vertically over a map. To help remember which is which, LONGitude runs down the globe in a very LONG line!

Latitude is measured from the equator, with positive values going north and negative values going south. Longitude is measured from the Prime Meridian (which is the longitude that runs through Greenwich, England), with positive values going east and negative values going west. So, for example, Broadclyst is roughly  $-3$  degrees longitude, 50 degrees latitude, whereas Sydney (Australia) is longitude 151 degrees, latitude  $-33$  degrees



2. Make sure you've selected 'Position Finder'

1. Click on 'My Maps' to find the tools you'll need

5. A red marker will appear on the map showing you where that person's mobile phone was at that point in time. Write down anything suspicious that you spot!

5. Use the 'Create New Map' option to plot the suspects' movements with balloons and lines. Choose a different colour to represent each suspect: you can do this by clicking on any line you draw. Make a print out of your finished evidence for each investigator

4. Copy and Paste each set of Latitude and Longitude digits into the correct box and click on 'Find Position'

3. Select 'Find' so that you can type in the GPS co-ordinates