

## Latitude and Longitude

Where am I? If you know how to use latitude and longitude, you will always know where in the world you are!

### Latitude-

When looking at a map, \_\_\_\_\_ lines run horizontally. Latitude lines are also known as \_\_\_\_\_ since they are parallel and are an \_\_\_\_\_ distant from each other. To remember latitude, imagine them as the horizontal rungs of a \_\_\_\_\_ ("ladder-tude"). Also, when you lay something \_\_\_\_\_, it is horizontal, so "flatitude." \_\_\_\_\_ latitude are numbered from 0° to 90° \_\_\_\_\_ and south. 90° north is the \_\_\_\_\_ Pole and 90° south is the South \_\_\_\_\_.

**Equator-** This special \_\_\_\_\_ line of latitude is located at \_\_\_\_\_ degrees. It is the line which divides our \_\_\_\_\_ into the northern and southern \_\_\_\_\_.

**The Tropic of Cancer and The Tropic of Capricorn-** The Tropic of \_\_\_\_\_ and the Tropic of \_\_\_\_\_ each lie at 23.5 degrees latitude. The Tropic of Cancer is located at 23.5° \_\_\_\_\_ of the equator and The Tropic of Capricorn lies at 23.5 \_\_\_\_\_ of the equator. The area between the Tropic of Cancer on the north and Tropic of Capricorn on the south is known as the \_\_\_\_\_." This area does not experience \_\_\_\_\_ because the sun is always high in the sky.

## Longitude-

The vertical longitude lines are also known as \_\_\_\_\_. To remember longitude, think about when you measure how “long” your hair is, you are measuring \_\_\_\_\_ ( up and down). They meet at the poles and are widest at the equator. While the equator divides the Earth into \_\_\_\_\_ and \_\_\_\_\_ Hemispheres, it is the Prime Meridian at \_\_\_\_\_ degrees longitude and the line of longitude opposite the Prime Meridian, the International \_\_\_\_\_ Line, at 180 degrees longitude that divides the Earth into the \_\_\_\_\_ and \_\_\_\_\_ Hemispheres.

## Diagram: