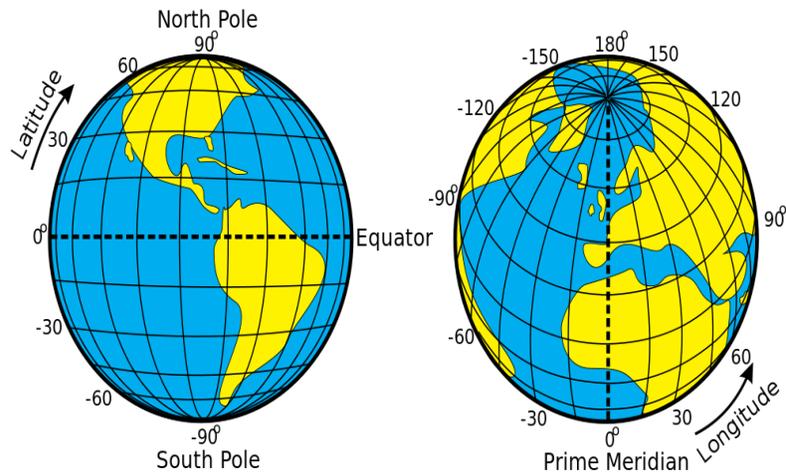


## What is Latitude?

Latitude is defined as a measurement of distance in degrees north or south of the equator. The word latitude comes from the Latin, "latus," meaning "wide." Latitude lines circle the globe running east and west.



Latitude lines are sometimes called parallels.

There are ninety degrees of latitude from the equator to each of the poles. The Equator is  $0^{\circ}$ . It divides the earth in half, the northern hemisphere and the southern hemisphere. It is called the equator all the way around the earth. You can imagine that the equator is like a belt around a person's waist.

All lines of latitude north of the equator are written in degrees north. For example,  $40^{\circ}\text{N}$  is the line of latitude that runs through Columbus, Ohio. All lines of latitude south of the equator are written in degrees south.  $33^{\circ}\text{S}$  runs through Santiago, Chile. The farther from the equator, the larger the numbers become.

Other named lines of latitude include the Tropic of Cancer ( $23\frac{1}{2}^{\circ}\text{N}$ ) and the Tropic of Capricorn ( $23\frac{1}{2}^{\circ}\text{S}$ ).

Lines of latitude are \_\_\_\_\_ to the equator.

There are \_\_\_\_\_ degrees of latitude north and south of the equator.

The equator is at \_\_\_\_\_ degrees.

Another name for latitude lines are \_\_\_\_\_.

The equator divides the earth into \_\_\_\_\_ equal parts.

Draw the Tropic of Cancer and Tropic of Capricorn on the diagram above

Write a definition of latitude.

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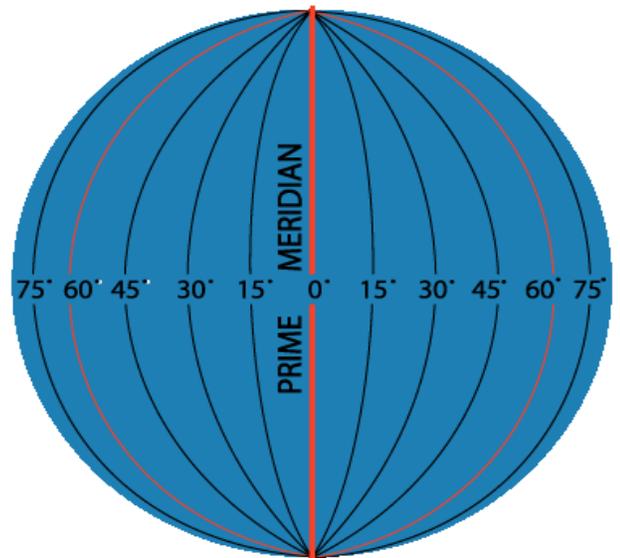
New Words:	Create a sentence with your new word	This word reminds me of...

## What is Longitude?

Longitude is defined as measurement of distance in degrees east or west of the prime meridian.

Longitude comes from the Latin, “longus,” meaning “length.” Longitude lines are sometimes called meridians. Lines of longitude run north and south from the North Pole to the South Pole. Lines of longitude are not parallel like lines of latitude. The Prime Meridian (0°) runs through Greenwich

(London), England. The Prime Meridian divides the Earth into Eastern and Western Hemispheres. All longitudes east (to the right) of the Prime Meridian are written “East.” All longitudes west (to the left) of the Prime Meridian are written “West.” The International Dateline (180°) is on the opposite side of the globe from the Prime Meridian. It is the starting and stopping line for the Eastern and Western Hemispheres.



### **Complete the Following:**

Longitude lines connect the \_\_\_\_\_ pole with the \_\_\_\_\_ pole.

The line of 0° longitude is called the \_\_\_\_\_.

Longitude lines give directions \_\_\_\_\_ and \_\_\_\_\_ of the Prime Meridian.

There are \_\_\_\_\_ degrees of longitude on each side of the prime meridian.

Longitude lines are not \_\_\_\_\_ like latitude lines.

Write a definition of longitude.

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New Words:	Create a sentence with your new word	This word reminds me of...