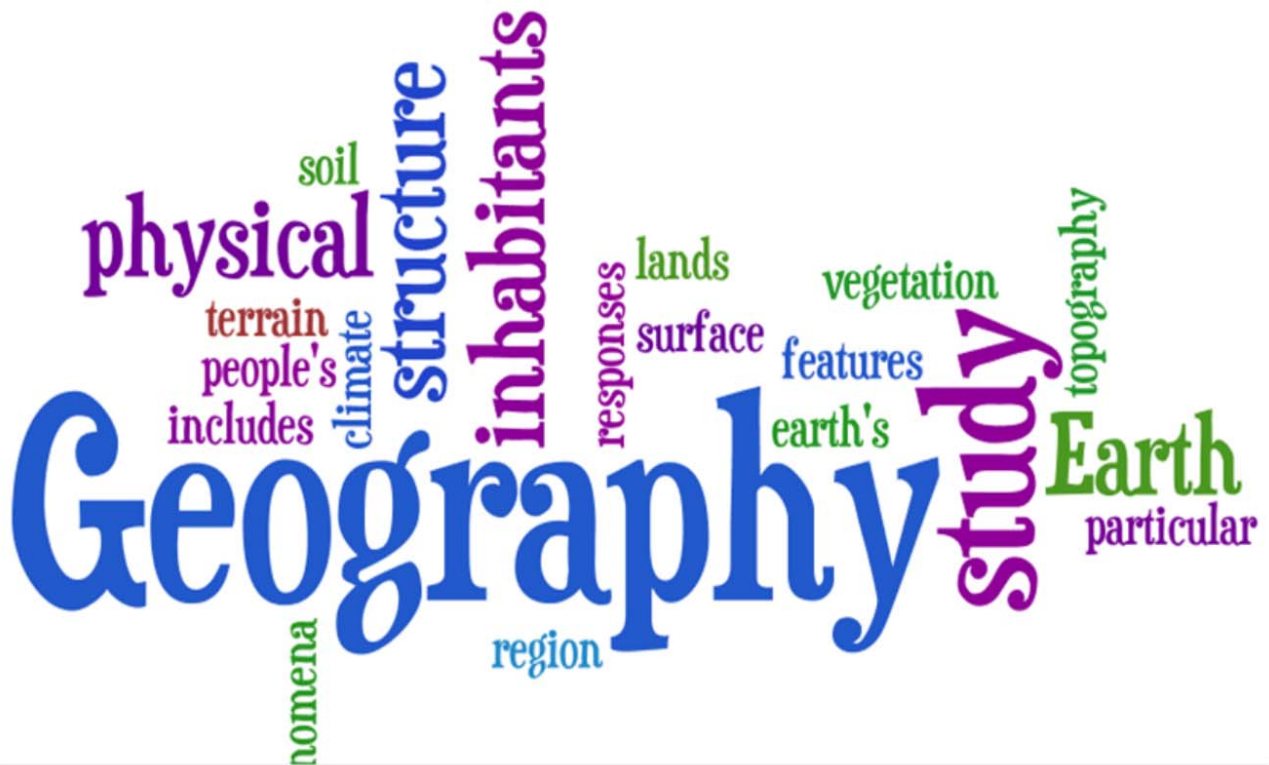


Bell Ringer

If someone asked you, "What is Geography?", how would you answer?



What is Geography?

Geography - the study of the earth in all its variety

Greek Origin - “description of the earth”

Geographers use five geographic themes to study the earth as the home of people:

- a. Location
- b. Place
- c. Human/Environment Interaction
- d. Movement
- e. Region



LOCATION

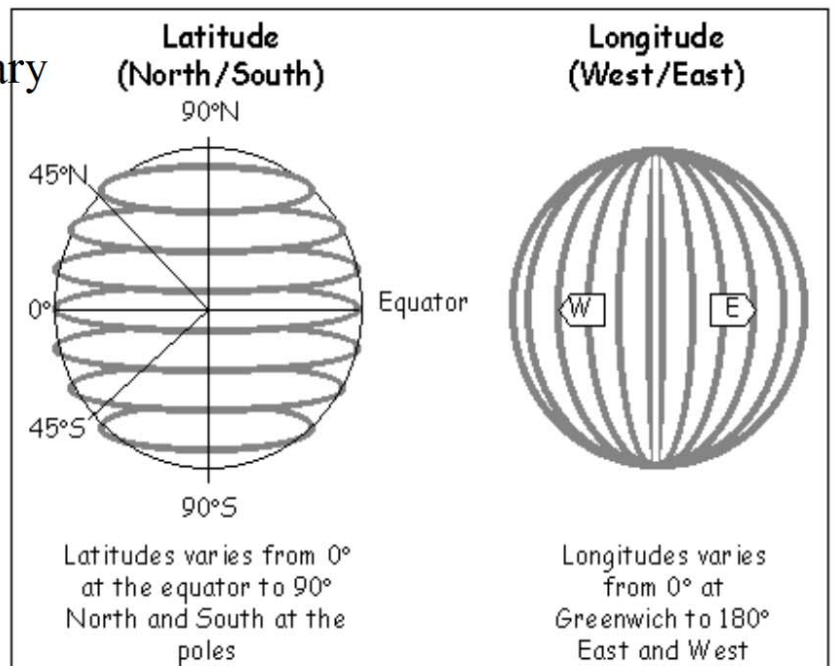
Location - Knowing where you are. Every place on earth has location.

There are two kinds of location:

- Relative Location - comparing two places using direction
- Absolute Location - using longitude and latitude

Longitude and latitude are imaginary lines that form a grid system.

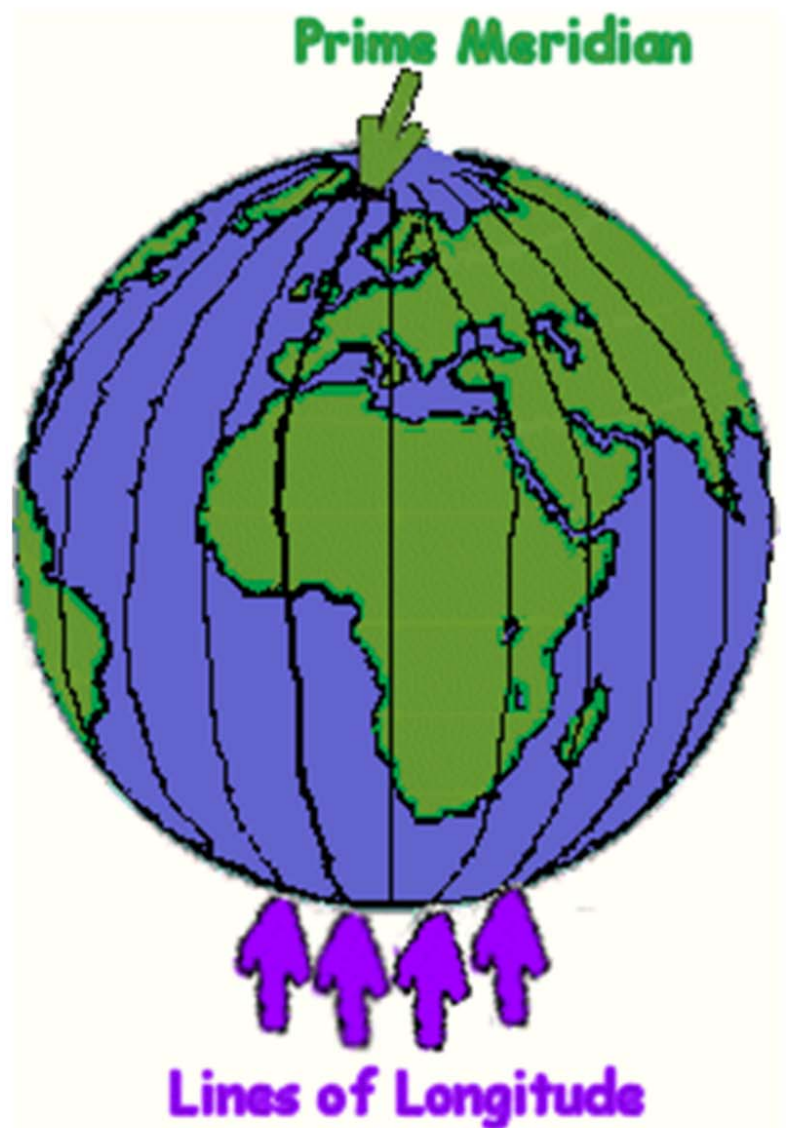
- Longitude - called “meridians”
runs north and south
(measures east and west)
- Latitude - called “parallels”
runs east and west
(measures north and south)



LONGITUDE

Do the lines of longitude intersect?

What does intersect mean?



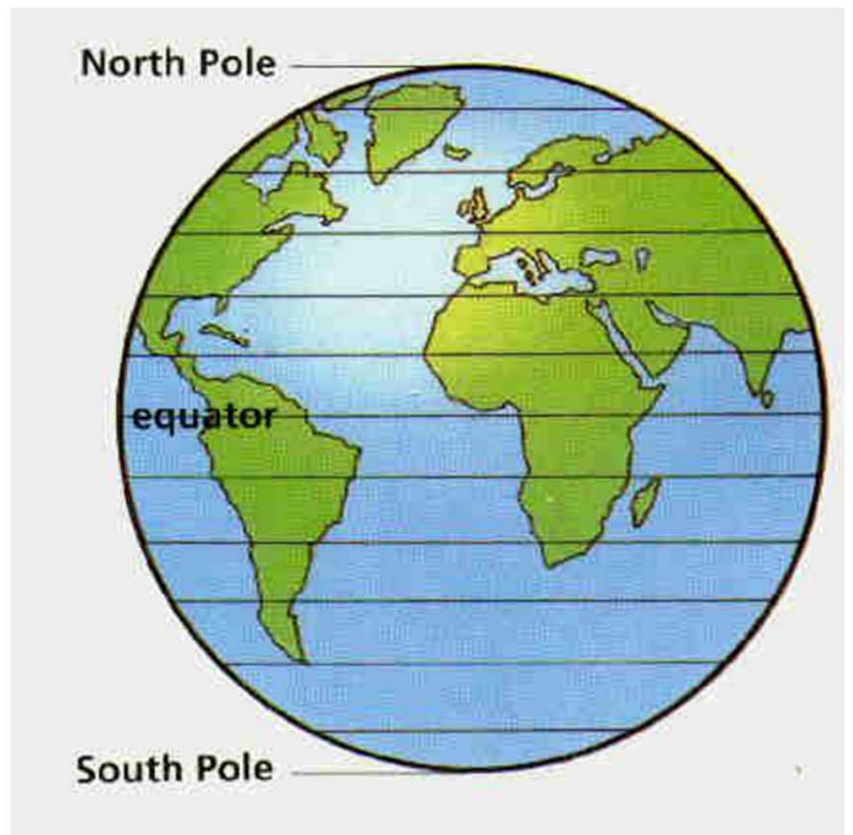
LATITUDE

Do lines of latitude intersect?

Latitude lines are called "Parallels"

What does parallel mean?

"Lat is flat"



◆ **P**arallels
Show
Latitude"

P

S

L

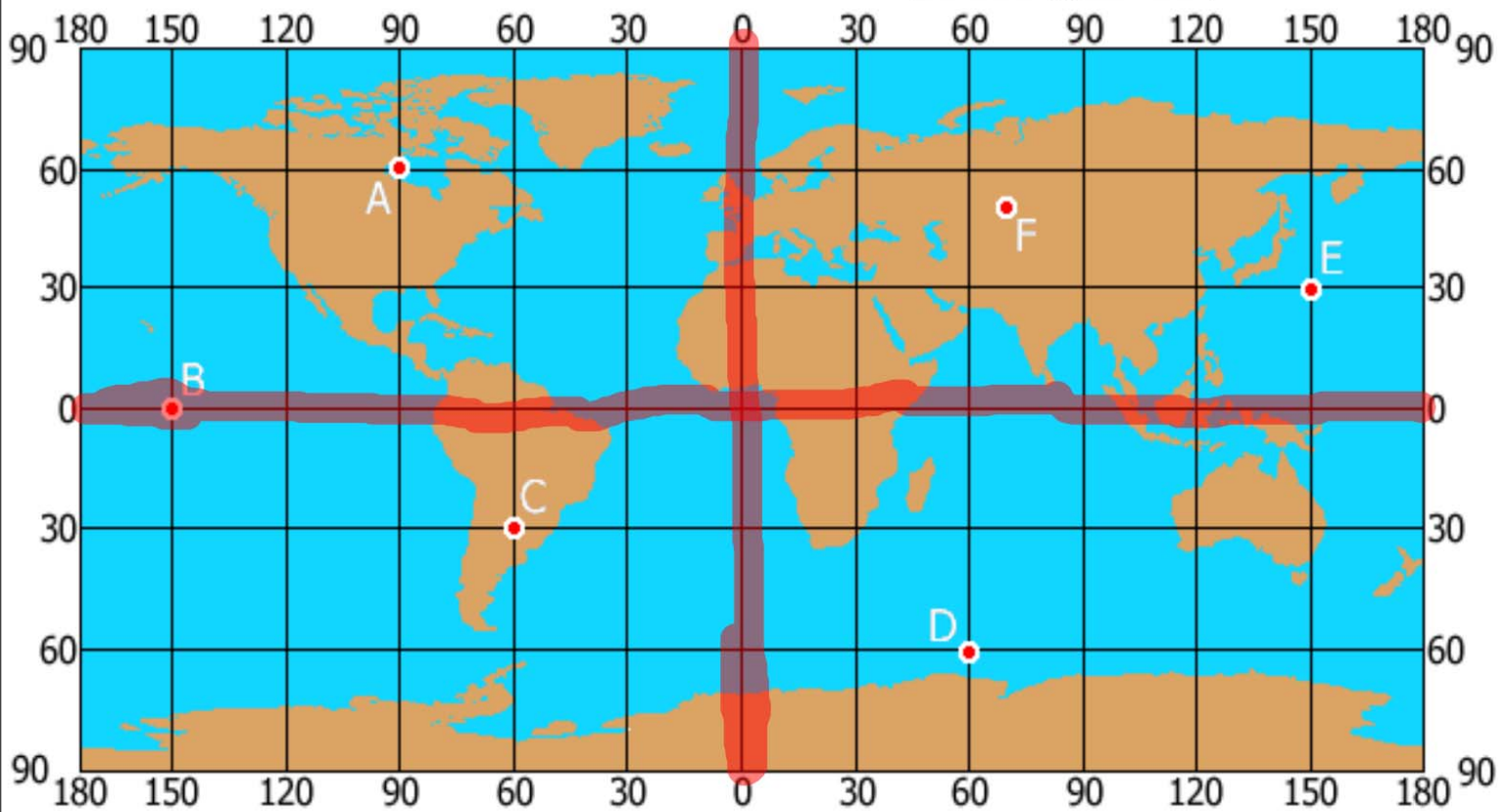
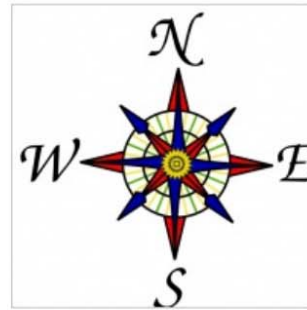
◆ **M**eridians
Show
Longitude"

M

S

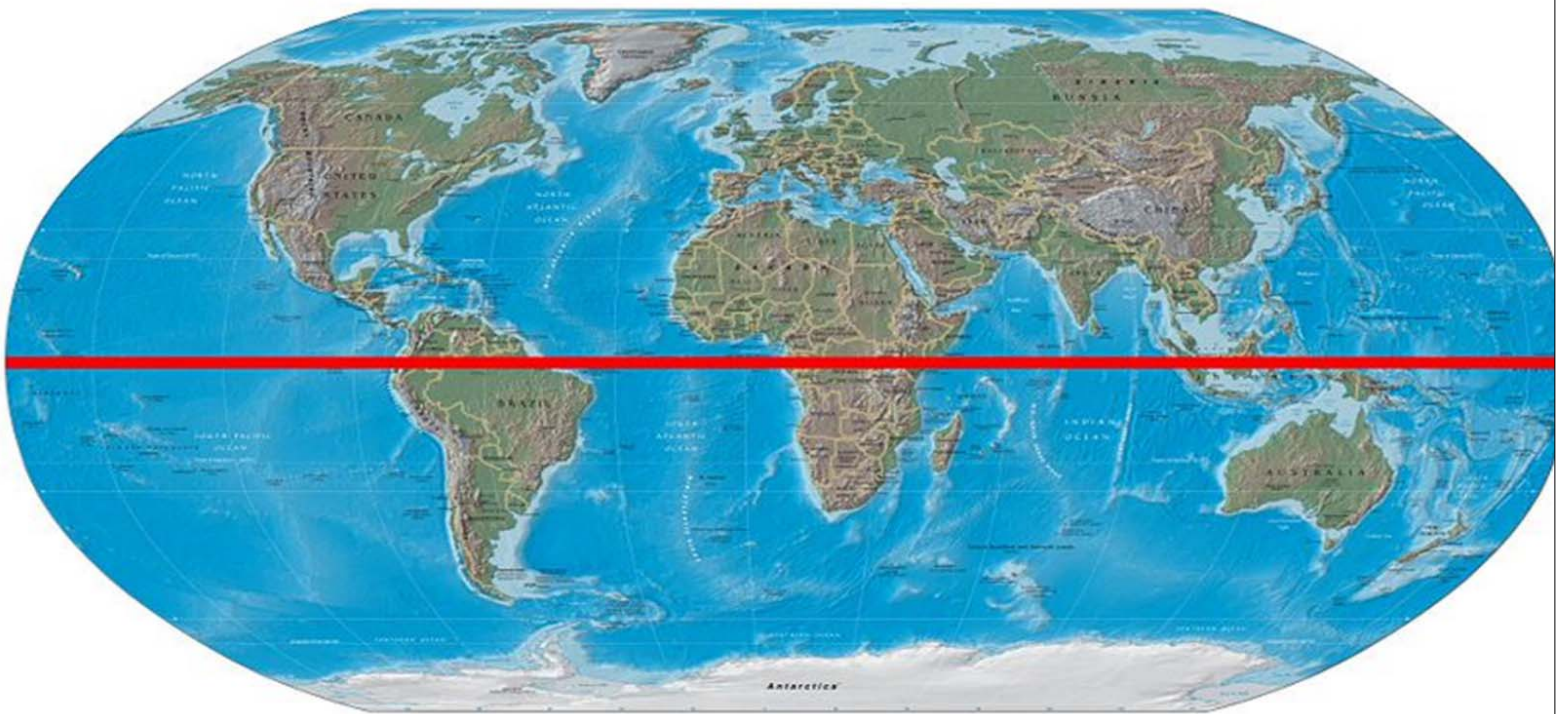
L

We measure Longitude and Latitude in "Degrees."



The **equator** is an imaginary line that circles the earth midway between the north and south poles.

Is it a longitude or latitude line?
A parallel or meridian?



The **Prime Meridian** is an imaginary line that separates the eastern and western portions of the earth.

Is it a longitude or latitude line?

A parallel or meridian?



The **Equator** and the **Prime Meridian** each separate the earth into two hemispheres...

Hemisphere - One half of the earth

Northern Hemisphere

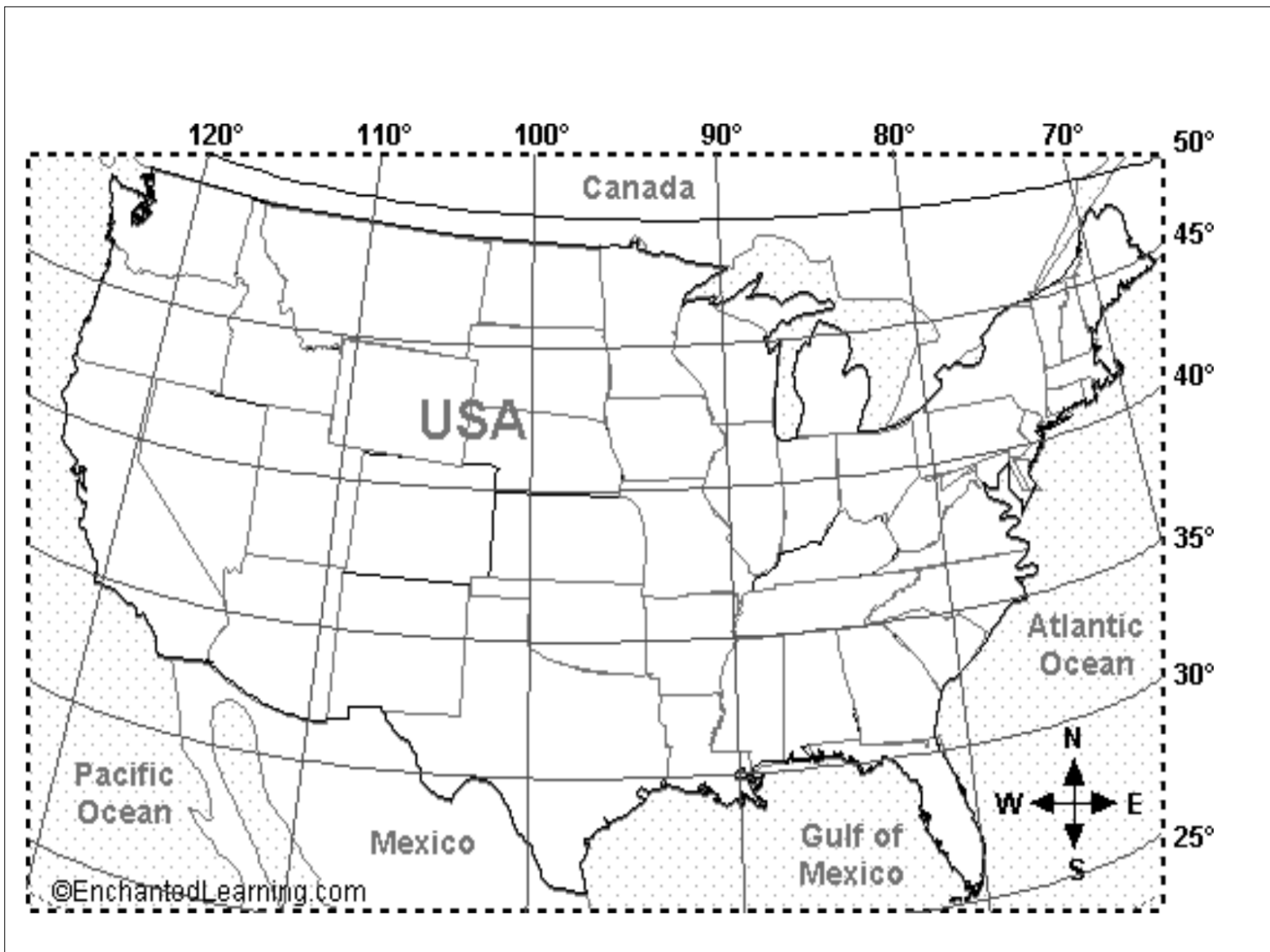


Southern Hemisphere



Western Hemisphere

Eastern Hemisphere



Check for Understanding...

Finish the sentence...

1. The difference between longitude and latitude is...
2. The difference between the equator and the prime meridian is...
3. The difference between a parallel and a meridian is...
4. What is a hemisphere?

Homework:

More practice with longitude and latitude....

