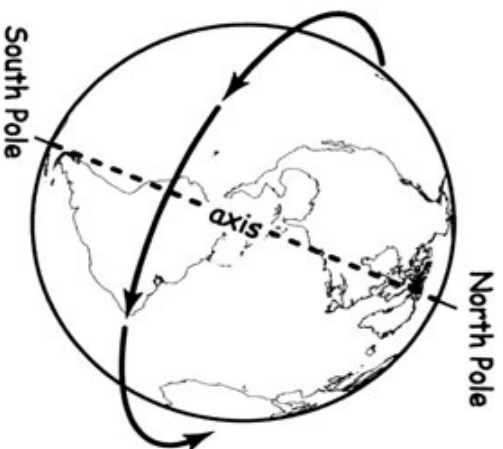
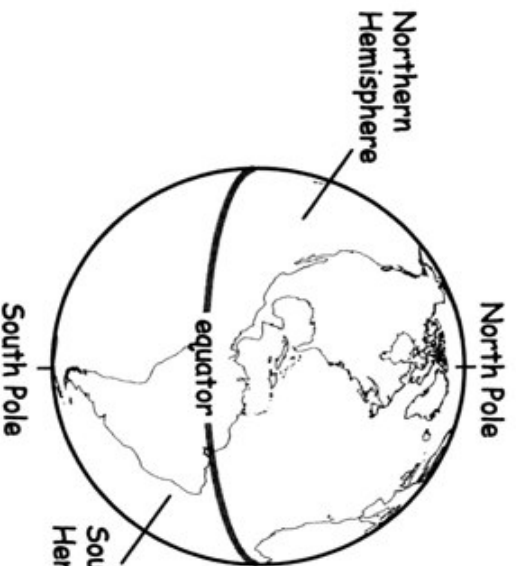


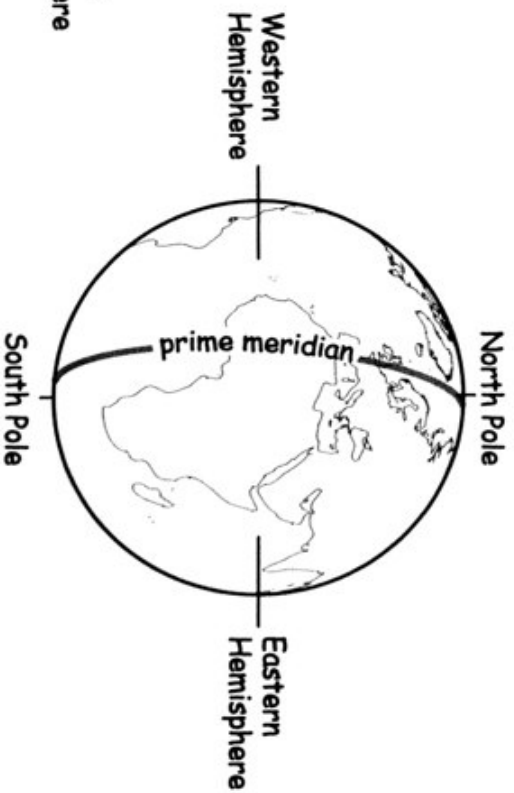
## Globe Lines



A globe shows how the Earth rotates on an imaginary centerline called an *axis*. The Earth rotates on its *axis* once a day, or about every 24 hours.



A globe shows an imaginary line called the *equator*. The equator runs around the center of Earth. The distance around the Earth is almost 25,000 miles (40,000 km). The equator is located at 0° latitude. The equator divides the Earth into the Northern and Southern Hemispheres.



A globe shows an imaginary line called the *prime meridian*. The prime meridian runs from the North Pole to the South Pole. The prime meridian is located at 0° longitude. The prime meridian helps to divide the Earth into the Eastern and Western Hemispheres.

# Globe Lines



## Monday

1. What are the points called that are on each end of the prime meridian?  
\_\_\_\_\_
2. What is the name of the imaginary line on which the Earth rotates?  
How many times does the Earth rotate every 24 hours?  
\_\_\_\_\_

## Tuesday

1. What is the name of the imaginary line that runs around the center of Earth?  
\_\_\_\_\_
2. The equator divides the Earth into which two hemispheres?  
\_\_\_\_\_

## Wednesday

1. Is the prime meridian at 0 degrees latitude, 0 degrees longitude, or 180 degrees latitude?  
\_\_\_\_\_
2. The prime meridian divides the Earth into which two hemispheres?  
\_\_\_\_\_



# Globe Lines

## Thursday

1. About how many kilometers is the distance around Earth at the equator?  
\_\_\_\_\_
2. The area around the equator is usually hot. What do you think happens to the temperature at the poles?  
\_\_\_\_\_

## Friday

1. Is the United States located in the Northern or Southern Hemisphere?  
\_\_\_\_\_
2. Is the continent of Asia in the Eastern or Western Hemisphere?  
\_\_\_\_\_

## Challenge

Why is a globe more accurate than a flat map to represent Earth's surface?  
Write your answer on the back of the map.