

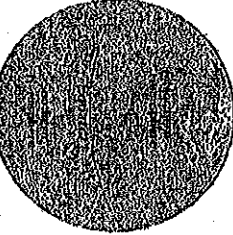
# Map Skills Packet

A

## Globes and Hemisphere

As you know, Earth is a large, round planet. To see all of Earth, you would have to orbit it in a spacecraft! An easier way to see Earth is to look at a small model called a globe.

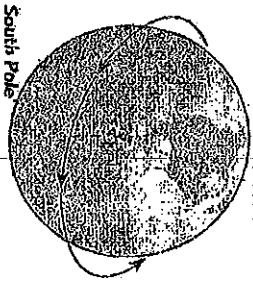
A globe shows Earth's four oceans and seven continents. A globe also shows how Earth turns on an imaginary center line called an axis. At the ends of this line are the North and South poles. Pole means "end." These poles help you find directions on Earth. North is toward the North Pole, and south is toward the South Pole.



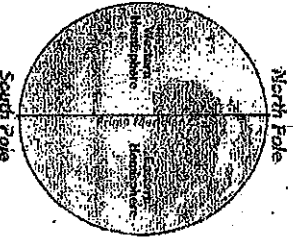
North Pole  
South Pole

A golden imaginary line on a globe is called the equator. The equator runs around the center of Earth and divides it into two halves called hemispheres. The northern half is called the Northern Hemisphere, and the southern half is called the Southern Hemisphere.

All another imaginary line divides Earth into the Eastern and Western hemispheres. This line is called the Prime Meridian. This line runs from the North Pole to the South Pole.



North Pole  
South Pole

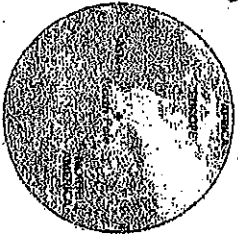


North Pole  
South Pole

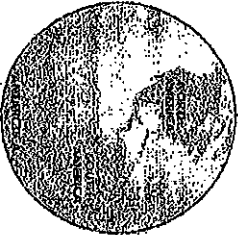
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B

Northern Hemisphere

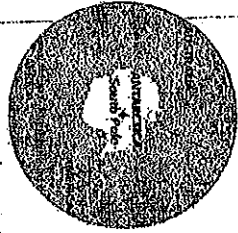


Western Hemisphere  
North Pole  
South Pole

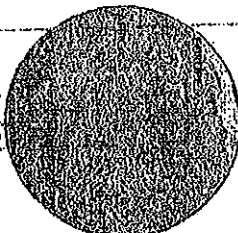


South Pole

Southern Hemisphere



Eastern Hemisphere  
North Pole  
South Pole



South Pole

**map reader's Tip**  
Earth turns, or rotates, on its axis from west to east. That is why the sun rises in the east and sets in the west.

Here are four views of a globe showing the four hemispheres. Use the pictures on these pages to answer these questions.

1. How many hemispheres does Earth have? \_\_\_\_\_
2. What is the hemisphere nearest the South Pole? \_\_\_\_\_
3. What line divides the Eastern and Western hemispheres? \_\_\_\_\_
4. In which direction is the North Pole from the equator? \_\_\_\_\_
5. What line divides the Northern and Southern hemispheres? \_\_\_\_\_
6. What is Earth's axis? \_\_\_\_\_
7. Name one continent in the Northern Hemisphere. \_\_\_\_\_
8. Name one continent in the Eastern Hemisphere. \_\_\_\_\_

151

Name \_\_\_\_\_



# The Four Hemispheres

## Monday

1. The equator divides the Earth into which two hemispheres?  
\_\_\_\_\_
2. The prime meridian helps to divide the Earth into which two hemispheres?  
\_\_\_\_\_

## Tuesday

1. North America is part of which two hemispheres?  
\_\_\_\_\_
2. Is Australia part of the Northern and Western Hemispheres, or the Southern and Eastern Hemispheres?  
\_\_\_\_\_

## Wednesday

1. Asia is located in which directions from the equator and from the prime meridian? In which hemispheres is Asia located?  
\_\_\_\_\_  
\_\_\_\_\_
2. Does the equator cross the northern or southern part of South America? South America is located mostly in which two hemispheres?  
\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_



# The Four Hemispheres

## Thursday

1. In which hemisphere is the North Pole located? Which ocean is closest to the North Pole?  
\_\_\_\_\_  
\_\_\_\_\_
2. What is the only hemisphere in which Antarctica has no land?  
\_\_\_\_\_

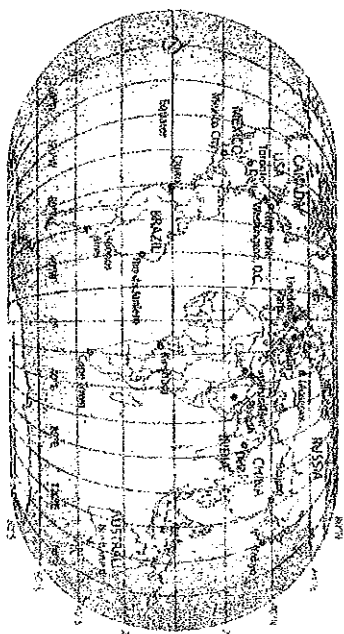
## Friday

1. Most geographers agree there are really five oceans. Name the five oceans. Which of the oceans is closest to Antarctica?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Africa has land in both the Eastern and the Western Hemispheres. Africa is considered part of the Eastern Hemisphere. Why?  
\_\_\_\_\_  
\_\_\_\_\_

### Challenge

Write a caption for the map explaining which continents are considered part of the Eastern Hemisphere and which continents are considered part of the Western Hemisphere.

E Study the map and fill in the answer to the blanks on the picture with the correct place using longitude and latitude.



This chart below shows degrees of latitude and longitude of some major cities. Find the coordinates on the map above and write the names of the cities to complete the chart.

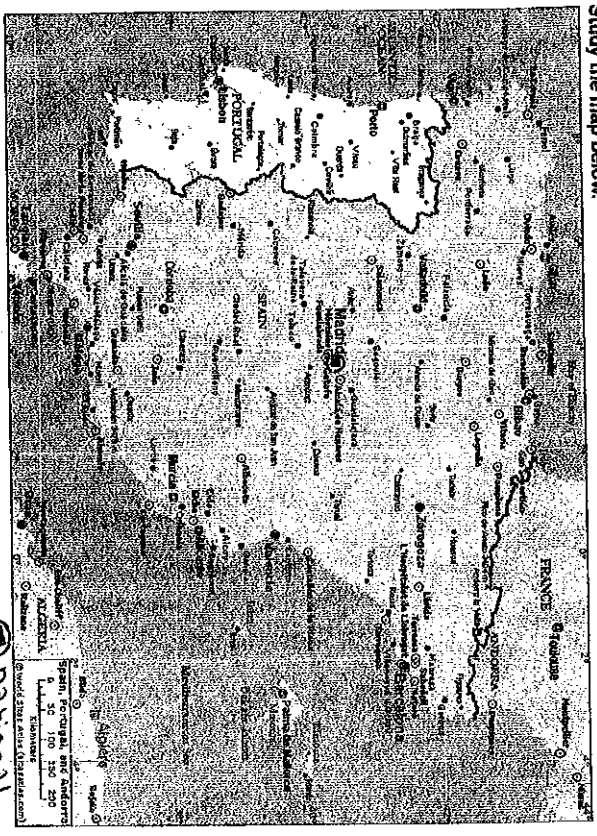
	Place	Latitude	Longitude
1.		0°	78°W
2.		49°N	2°E
3.		30°N	32°E
4.		33°S	19°E
5.		41°N	73°W

If you can't read latitude lines in map, here they are in order: 80°S, 60°S, 40°S, 20°S, 0°, 20°N, 40°N, 60°N, 80°N

~~Answers:~~  
5.

If you can't read longitude lines in map, here they are in order:  
160°W, 120°W, 80°W, 40°W, 0°, 40°E, 80°E, 120°E, 160°E

F Study the map below.



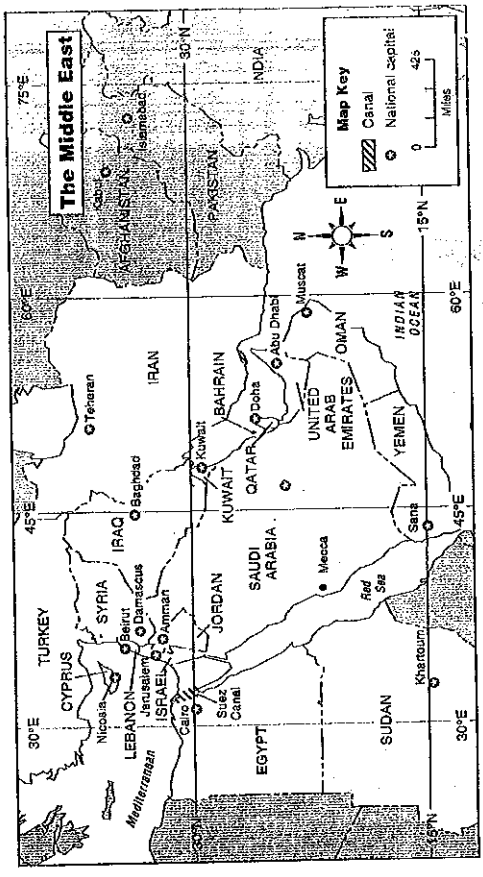
1. Find the national capital of Spain. What is its name?
2. What line of longitude is it near?
3. Find the national capital of Portugal. What is its name?
4. Estimate its line of longitude.

national capital

Name \_\_\_\_\_ Date \_\_\_\_\_

# Political Maps

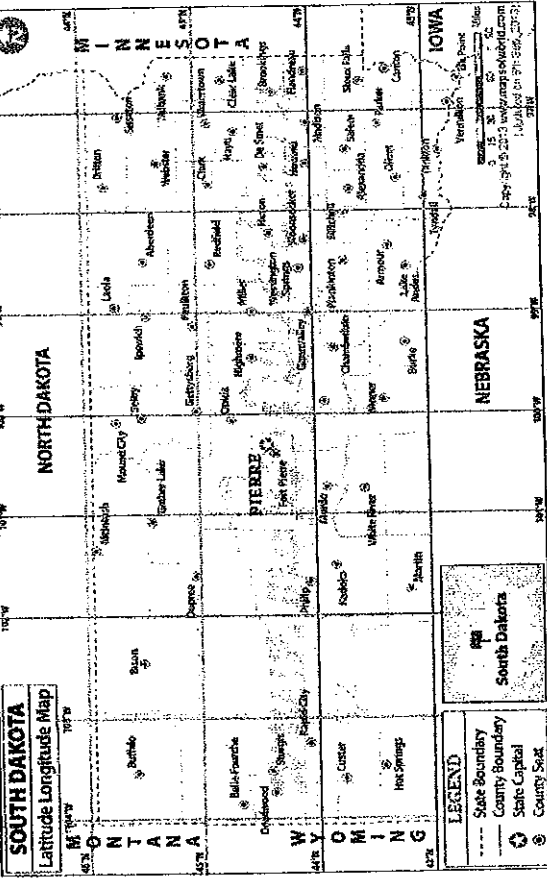
Political maps show the boundaries between political areas, such as states or nations. The map below shows the political boundaries for countries in the Middle East. Notice the symbol for a national capital in the map key.



**Directions** Use the map to answer the questions.

1. Find the symbol of the national capital of Saudi Arabia. Label it Riyadh.
2. What is the national capital of Oman? \_\_\_\_\_  
Baghdad? \_\_\_\_\_
3. This map shows lines of latitude and longitude every (number) degrees.
4. Which city is located at about 30° N, 32° E? \_\_\_\_\_
5. Which city is located at about 15° N, 33° E? \_\_\_\_\_
6. What are the latitude and longitude of \_\_\_\_\_  
Baghdad? \_\_\_\_\_
7. What are the latitude and longitude of \_\_\_\_\_  
Damascus? \_\_\_\_\_
8. In which country is the Suez Canal located? \_\_\_\_\_

Study the map below.



1. Which city in South Dakota is located closest to 46° N?
2. Which city in South Dakota is located near 44° N, 98° W?
3. What is the state capital of South Dakota? What is its approximate latitude and longitude?