Lesson 5  
Latitude and Longitude

**Here's How**

Latitude and longitude lines help you find the location of a place.

Latitude and longitude is measured in degrees, such as 40°N or 100°W.

The Prime Meridian runs through Greenwich, England.

Latitude lines are horizontal lines that run east to west on maps. They locate places north and south of the equator, which is 0°. These lines are labeled with a number with degrees and N (north) or S (south).

Longitude lines are vertical lines that run north to south on maps. They locate places east or west of the Prime Meridian, which is 0°. These lines are labeled with a number with degrees and E (east) or W (west).

**Try These**

Find Rio de Janeiro. This city is between 20°S and 30°S. Estimate how close to 20°S it is. This is the line of latitude.

Use the map in *Here's How* to answer each question.

1. What is the latitude of Rio de Janeiro? ______

2. Is Venezuela north or south of the equator? ______
Use the map in *Here's How* to answer each question.

1. List the countries that are situated on the equator.

2. What is the approximate longitude of Brasília, Brazil?

3. Find the approximate latitude and longitude of Caracas, Venezuela.

4. What is the approximate latitude and longitude of Buenos Aires, Argentina?

5. What is the approximate latitude and longitude of Asunción, Paraguay?

6. What is the nearest city if your position is 16°S and 70°W?

7. If your position is 7°S and 50°W, in which country would you be?

8. What is the approximate latitude and longitude of Santiago, Chile?

9. What is the approximate latitude and longitude of São Paulo, Brazil?

10. In what ocean would you be if your position was 10°S and 80°W?