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## 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  $40^{\circ}\text{N}$  or  $100^{\circ}\text{W}$ .

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  $0^{\circ}$ . 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  $0^{\circ}$ . 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  $20^{\circ}\text{S}$  and  $30^{\circ}\text{S}$ . Estimate how close to  $20^{\circ}\text{S}$  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? \_\_\_\_\_

The logo features the words "Go Ahead" in a white, serif font, centered within a blue oval. A white swoosh curves around the top and right sides of the oval.

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  $16^{\circ}\text{S}$  and  $70^{\circ}\text{W}$ ?  
\_\_\_\_\_
7. If your position is  $7^{\circ}\text{S}$  and  $50^{\circ}\text{W}$ , 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  $10^{\circ}\text{S}$  and  $80^{\circ}\text{W}$ ? \_\_\_\_\_

**TIP**

Latitude position is given first and longitude position is given second.