

Name _____

Date _____

What is longitude?

The World in Spatial Terms

1. Turn to page 27 of the Atlas. Read the introduction. Also look at map E and globe views C and D. Use the information to complete the following sentences.
 - a. Longitude lines run north and _____ on maps and globes.
 - b. Longitude is measured in _____. Degrees measure how far east or west of the Prime Meridian a place is.
 - c. All of the longitude lines in the _____ Hemisphere are labeled °E.
 - d. All of the longitude lines in the _____ Hemisphere are labeled °W.
 - e. Lines of longitude do not stretch all the way around the globe. They meet at the _____ and _____ Poles.
2. Look again at globe views C and D. Starting at 180°, move your finger east. Number the following longitude lines in the order you cross them.
 - a. Prime Meridian _____
 - b. 90°E _____
 - c. 150° W _____
 - d. 120°E _____
 - e. 60°W _____
 - f. 30°E _____

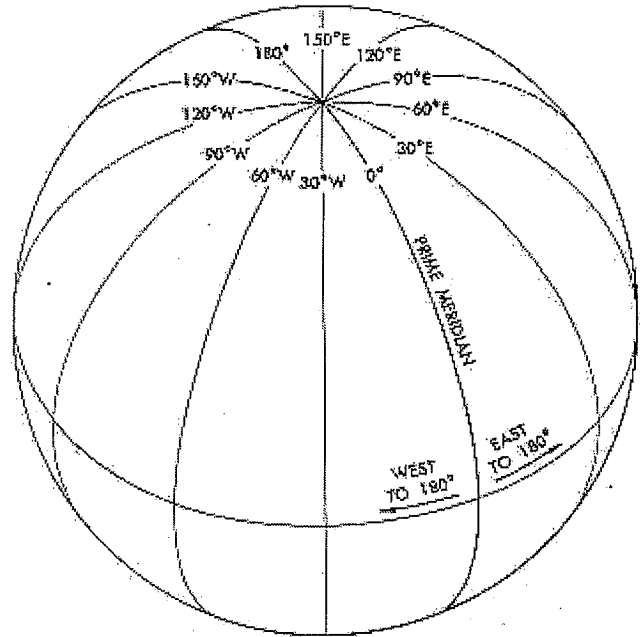
The Uses of Geography

3. Turn to the "World Political Map" on pages 66–67. Write the nearest line of longitude for each city.
 - a. London, United Kingdom _____
 - b. Sydney Australia _____
 - c. St. Petersburg, Russia _____
 - d. Buenos Aries, Argentina _____
 - e. Vancouver, Canada _____

Lines of Longitude

The lines on a globe help you find where places are located. The lines that run from the North Pole to the South Pole are called **lines of longitude**, or **meridians**. The lines of longitude tell how far east or west of the prime meridian you are.

All lines of longitude are measured from the prime meridian in degrees. Everything west of the prime meridian is labeled **W** for **west**, and everything east of the prime meridian is labeled **E** for **east**.



Use a globe or a map to find the latitude for each of the following cities. Remember to indicate both the number of degrees and whether it is north or south of the equator.

- | | |
|----------------------------------|-----------------------------------|
| 1. Los Angeles, CA _____ | 8. Tehran, Iran _____ |
| 2. London, U. K. _____ | 9. Paris, France _____ |
| 3. Wellington, New Zealand _____ | 10. Rome, Italy _____ |
| 4. Tokyo, Japan _____ | 11. Buenos Aires, Argentina _____ |
| 5. Bangkok, Thailand _____ | 12. Anchorage, Alaska _____ |
| 6. Santiago, Chile _____ | 13. Calcutta, India _____ |
| 7. Nairobi, Kenya _____ | 14. Cairo, Egypt _____ |