

Name \_\_\_\_\_

# Reviewing Basic Skills

## Lesson 1: Location and Distance

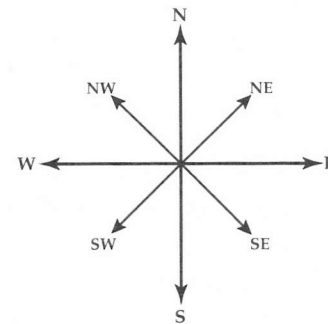
### DIRECTIONS

1. Open your atlas to the Political Map of the United States on pages 40–41. Locate the compass arrows near the bottom of the map.

Now find Kansas on the map. (Look in the center of the country.) Locate its capital, Topeka.

Write the general direction you would travel from Topeka to get to each of the following cities. Use the directions shown on the arrows below.

- |                           |       |
|---------------------------|-------|
| a. Omaha, Nebraska        | _____ |
| b. Tulsa, Oklahoma        | _____ |
| c. Independence, Missouri | _____ |
| d. Des Moines, Iowa       | _____ |
| e. Amarillo, Texas        | _____ |
| f. Little Rock, Arkansas  | _____ |



### LOCATION: LATITUDE AND LONGITUDE

2. Latitude and longitude can help you locate places on a map. Turn to the World Political Map on pages 8–9.
  - Lines of latitude run east and west across the map. Look at the right edge of the map. Notice that lines are labeled in degrees (°). Latitude shows the distance north or south of the Equator (0°).
  - Longitude lines run north and south and meet at the poles. Numbering starts at the Prime Meridian (0°). Longitude lines are also numbered by degrees. They are labeled according to their distance east or west of the Prime Meridian.

Draw a line to connect each line of latitude or longitude listed below with a city near it. (Hint: Run your finger along each line of latitude or longitude to find the city.)

<u>Latitude/Longitude</u>	<u>City</u>
a. 150°W •	• Dhaka, Bangladesh
b. 30°N •	• Anchorage, Alaska
c. 150°E •	• Cairo, Egypt
d. 60°W •	• Buenos Aires, Argentina
e. 90°E •	• Sydney, Australia

### LOCATION: RELATIVE

3. Turn to the Political Map of South America on page 57. Find the city of Caracas, Venezuela. It is located near 10°N latitude.

Using latitude and longitude is one way to describe a place's location. The following questions will help you see some other ways of describing location.

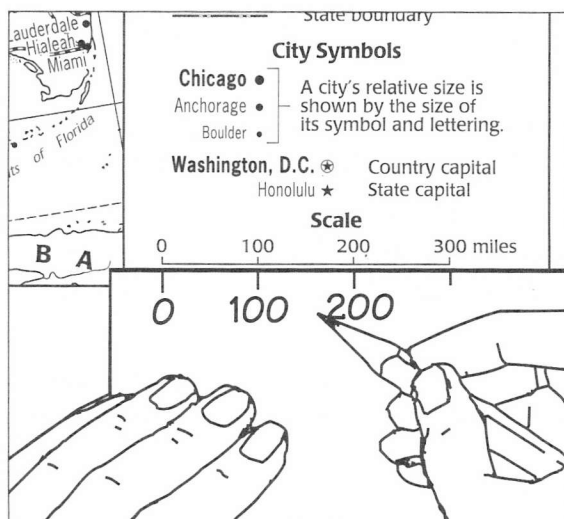
- Along what body of water is Caracas located? \_\_\_\_\_
- Is Caracas in the northern or southern part of Venezuela? \_\_\_\_\_
- In what direction is Caracas from Bogota, Colombia? \_\_\_\_\_

### MAP SCALE

- 4. Turn to the United States Political Map on pages 40–41. At the bottom of the map legend is the *scale*. This scale shows how distances on the map represent actual distances on the earth. The scale relates map distances to miles.

This is how a map scale is used:

- Place a small piece of paper along the scale so you can see the miles just above the edge of the paper.
- On the edge of the paper, mark the map distances in hundreds of miles. Mark the miles on your scale up to 600. (To get distances greater than 300 miles, slide the edge of the paper along the scale and keep marking at 100-mile intervals.)



The edge of your paper should now look like a map scale. Use it to measure the distance between each of the following pairs of cities in the United States. Write each approximate distance in a multiple of 100 miles.

- Topeka, Kansas, to Jefferson City, Missouri \_\_\_\_\_ miles
- Charlotte, North Carolina, to Greensboro, North Carolina \_\_\_\_\_ miles
- Akron, Ohio, to New York City, New York \_\_\_\_\_ miles
- Seattle, Washington, to Helena, Montana \_\_\_\_\_ miles