

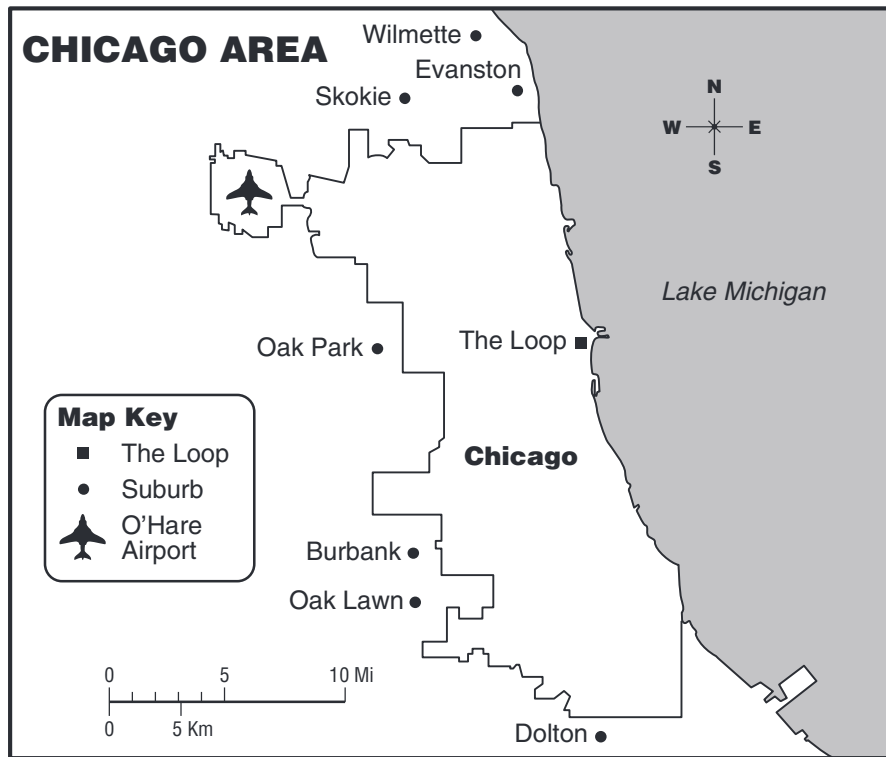
Name \_\_\_\_\_

Date \_\_\_\_\_

## How Far Is It?

On a city or area map, the distances between places are smaller. On a city map, 1 inch might equal only a mile or two. Look at the map of the Chicago area below. On this map, 1 inch equals about 8 miles.

### Assignment 300-B



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

1. About how many miles is Oak Park from the Loop? \_\_\_\_\_
2. About how many kilometers is Dolton from Oak Lawn? \_\_\_\_\_
3. About how many miles is Skokie from Burbank? \_\_\_\_\_
4. About how many miles is Dolton from Skokie? \_\_\_\_\_
5. About how many kilometers is Wilmette from O'Hare Airport?  
\_\_\_\_\_
6. About how many miles is the Loop from Evanston? \_\_\_\_\_
7. About how many miles is the Loop from O'Hare Airport? \_\_\_\_\_
8. About how many kilometers is Wilmette from Evanston? \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

## Farther Than It Looks

Some maps show a very large place. An inch on the map may equal hundreds of miles. Look at the map below. On this distance scale, 1 inch equals about 150 miles. Notice that this map also shows distance in kilometers.



### Directions

Use an inch ruler and the distance scale on the map to finish each sentence.

1. On the map, the distance from Manta to Quito is about \_\_\_\_\_ inch.
2. On the map, 1 inch = about 150 miles. In the real place, Manta is about \_\_\_\_\_ miles from Quito.
3. On the map, 1 inch = about 250 kilometers. In the real place, Manta is about \_\_\_\_\_ kilometers from Quito.
4. Which city is about 350 miles north of Loja? \_\_\_\_\_
5. Which nation is southeast of Ecuador? \_\_\_\_\_



# Time Zones

When the Sun shines on Earth, it is daytime on that side of Earth. But on the other side, it is nighttime. Because the Earth is so big, it is divided with imaginary lines to show different regions of time, or time zones. All people in the same **time zone** set their clocks to the same time.

There are 24 times zones on Earth. In the United States alone, there are six time zones. As the number of the time zone rises by 1, the time becomes an hour later.

**Directions** Look at the time zone map of the United States. Answer the questions.

UNITED STATES TIME ZONES



1. In which time zone is Montana located?  
\_\_\_\_\_

2. When it is 4 P.M. in New Mexico, what time is it in Maine?  
\_\_\_\_\_

3. If you drive from Illinois to Indiana, will you have to set your clock forward or backward an hour when you arrive? \_\_\_\_\_

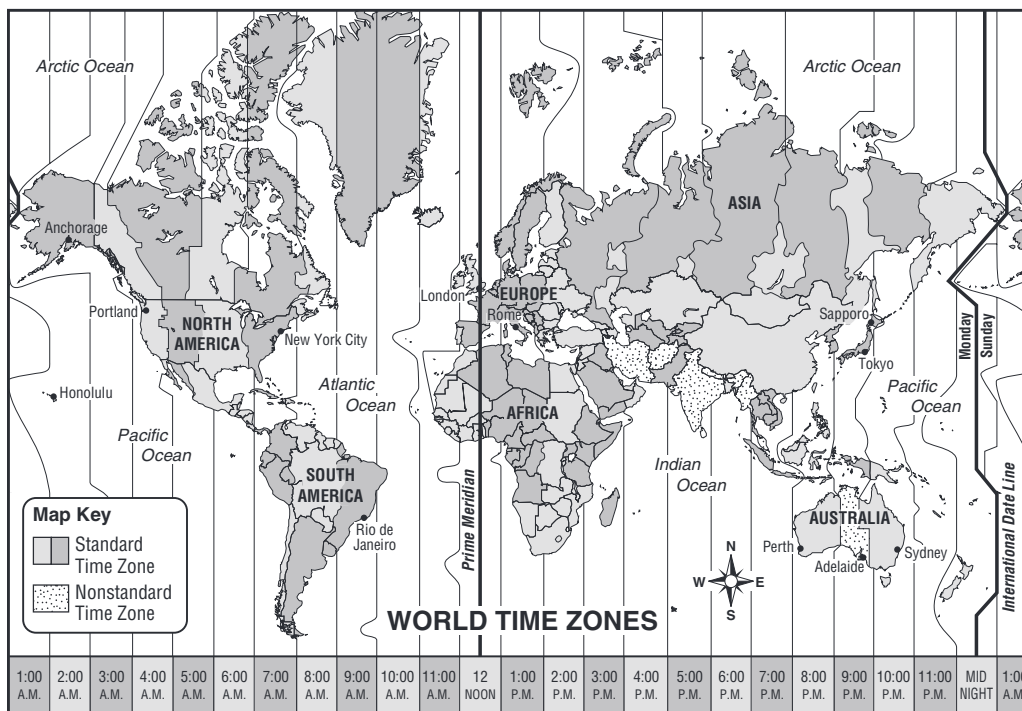
4. What are three states that have two time zones? \_\_\_\_\_

5. Why does the United States need more than one time zone?  
\_\_\_\_\_

# Time Zone Maps

The Earth is divided into 24 **time zones**. Each time zone is about 15 degrees wide. All the people in the same time zone set their clocks to the same time. Imagine that the time zones are numbered 1 to 24. The number 1 zone is at the International Date Line, or 180° longitude. As the number of the time zone increases by 1, the time becomes an hour later. The different time zones allow people around the world to experience a common event at about the same clock time. For example, most everyone in the world has sunrise at about 6:00 in the morning.

The United States has six time zones. As you move east from one time zone to another, the time gets an hour later.



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

1. Through which oceans does the International Date Line pass?  
\_\_\_\_\_
2. When it is 4:00 A.M. in Portland, what time is it in Sydney?  
\_\_\_\_\_
3. When it is 9:00 P.M. in Tokyo, what time is it in Rio de Janeiro?  
\_\_\_\_\_
4. What does this difference in time suggest about the location of the two cities?  
\_\_\_\_\_  
\_\_\_\_\_

**Activity**

Write a story about going backward or forward in time. To what time period would you go? Include a drawing of your time machine.