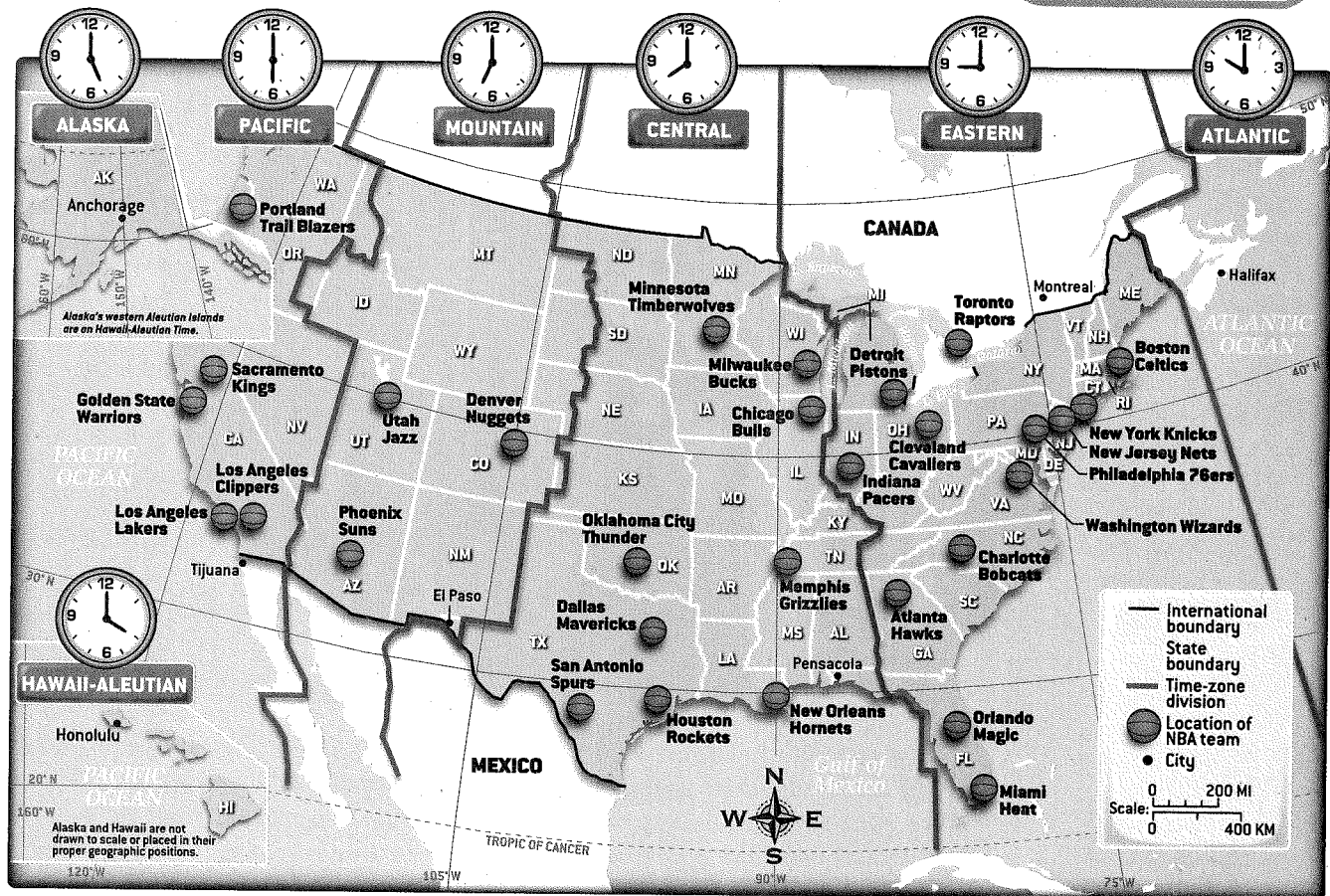


Understanding Time Zones

GeoSkills



TIP-OFF!

Dwyane Wade makes sinking a three-pointer look easy. But it's not so easy for fans to watch him play, especially when his NBA team, the Miami Heat, is on the road.

Suppose you want to catch an away game that starts at 7 p.m. in

Los Angeles. When should you turn on the TV in Miami? The time zone map on this page will tell you.

The world is divided into 24 time zones (one for each hour). The U.S. has six time zones. Each zone is one hour different from the time zone to its east or west. As you see, time-zone boundaries don't always follow straight longitudinal lines. They zigzag

to include nearby communities in the same zone, or to allow for a mountain range or other natural divisions.

Look at the clocks along the top of the map. If you travel east, do you gain or lose hours? What if you travel west?

The map shows the location of each NBA team. Study the map and key, then answer the questions below.



Questions

Write your answers on a separate sheet of paper.

- How many time zones cover the 50 states?
- Which state boasts the most NBA teams?
- In which time zone are the most NBA teams located?
- If the Portland Trail Blazers begin a home game at 7 p.m. Pacific Time, what time is that in Anchorage, Alaska?
- The Boston Celtics play at home against the Los Angeles Lakers at 8 p.m. Eastern Time. What time will it be in Los Angeles when the game starts?
- Which NBA team plays its home games at 30°N, 90°W?
- The Indiana Pacers have a home game against the Chicago Bulls. The game starts at noon. What time is that in Honolulu, Hawaii?
- If a game ends at 9:45 p.m. in Orlando, Florida, what time is that in Pensacola, Florida?
- If the Toronto Raptors begin a home game at 7 p.m., what time is that in Halifax, Canada?
- How many states are divided into two time zones?

Understanding Time Zones Practice

Use the Time Zone Map on page 32-33 in the purple book to answer the following questions.

1. How many different time zones are there?
2. Why would we need time zones?
3. What South American city is in the same time zone as Miami?
4. How many hours would you need to set your watch ahead if you flew from Chicago to Rome?
5. A US soldier in Cairo calls home at 11 pm, what times is it in MN?
6. If the president gives a speech at 9 pm in Washington DC, what time will it be in Anchorage, AK?
7. If the opening ceremonies started at 2pm in London, England, what time would you watch it in Vancouver, Canada?
8. If gymnastics airs in New York at 6 pm, what time is the competition in London, England?
9. How many different time zones do the 50 US States have?
10. Each new day starts at the International Date Line, what line of longitude is this based on?