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LESSON





- O make inferences.
- tell what I know about time zones.

In the Time Zone

It's not always easy to tell what time it is. The time depends on where you live and the time of year. There are six standard time zones in the United States. You could be in New York at noon, and you could be talking to your friend in Hawaii, where it is only 7:00 A.M.!



Before We Read

Making Inferences

Sometimes, the author doesn't state information directly. You must use other details from the passage to figure it out for yourself. This is called **drawing conclusions.** You can also use what you already know to make a guess. This is called **making inferences.**

Read the paragraph. Write what you can conclude or infer about daylight saving time in the chart.

It would be good to have daylight saving time all year. Daylight saving time gives us more time outdoors. When people aren't in their homes, they aren't using electricity. During daylight saving time, people come home from school and from work while it is still light outside. It is safer to trayel during daylight than in darkness. There are fewer accidents in daylight and less crime.



Text Information	My Experienc	e Infer
People aren't using electricity.	Using less electricity energy	saves
Details		Conclude
Safer to travel during daylight darkness so there are fewer a Less crime during daylight		



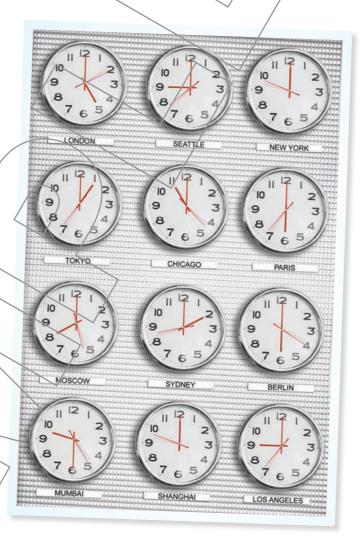
What Time Is It?

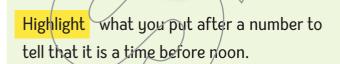
What time is it? That depends on where you live. It depends on the time of the year, too. It's not always easy to tell what time it is.

Suppose you live in North Carolina. You might call your cousin in Nevada at nine o'clock on Saturday morning. Your cousin is not too happy to hear from you. You just woke her up! If it is 9 A.M. in North Carolina, it is only 6 A.M. in Nevada.

MY LEARNING GOALS

l can O read and discuss an informational text. O make inferences.





What is the time difference between North Carolina and Nevada?

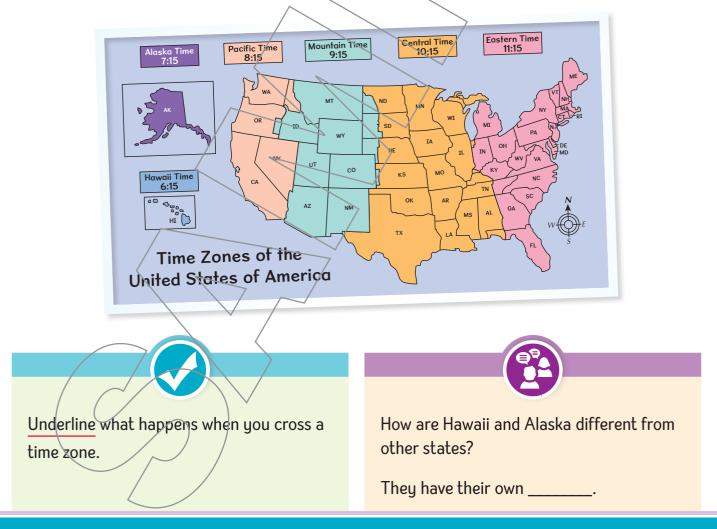
The time difference is _____.



Time Zones

There are four major time zones in most of North America. These time zones are called Eastern, Central, Mountain, and Pacific. Alaska and Hawaii each have their own time zones. When you cross a time zone, the time changes. As you travel from east to west, you need to turn back the time on your watch. For each time zone you intersect when you travel west, you subtract one hour.

Because of time zones, you could take an airplane and arrive before you left! How can that happen? Suppose you leave Georgia at 10 A.M. Eastern time, and it takes 55 minutes to fly to Alabama. You will arrive in Alabama at 9:55 A.M. Central standard time. This happens because you have crossed a time zone.





Time for a Change

The system of time zones in America did not begin until 1883. Before that, each place decided what time it was. When the sun was right overhead, it was noon. That determined the time. Fifty or a hundred miles away, the time would be different. Once railroads were built across the country, this method didn't work. Railroads couldn't make up schedules because the time was different in each town. So time zones were established. With a standard time, railroads could plan the arrival and departure times of their trains. Soon the rest of the world set time zones, too.

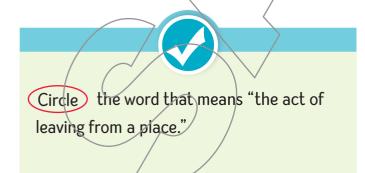


For part of the year, standard time changes to daylight saving time in most states. Daylight saving time gives more daylight hours late in the day. All the clocks are set ahead

one hour. When daylight saving time is over, clocks are set back one hour. They are set to standard time again. The saying "spring forward, fall back" reminds people how to adjust their clocks depending on the season. Each state makes its own decision about daylight saving time. Some states stay on standard time. Some go to daylight saving time in just part of the state.

US Time Zone Abbreviations

EST Eastern Standard Time CST Central Standard Time MST Mountain Standard Time PST Pacific Standard Time AKST Alaska Standard Time HAST Hawaii-Aleutian Standard Time



Have you ever taken a train or airplane and crossed a time zone?

I have _____.

READING

Time zones affect things that you don't even think about. Take television programs, for example. Suppose you watch a basketball game on television in New Jersey that begins at 8:00 P.M. A person in Colorado would see the same game at 6:00 P.M. A late movie may be on television too late for a person in the Eastern time zone to watch, but it may be just right for someone on Pacific time. Time zones have even affected the way elections are reported on television. If early reports from Eastern and Central time zones say that a candidate has a big lead in the election, people in the West may think it's not important to vote. Now, governments must find a way to make every vote count—from Eastern time to Pacific time.



Highlight the word that means the same as "to cause a change in something."

What is an example of something that might be affected by time zones?

One example is _____.



Show What You Know

Sometimes the author does not explain everything in what you read. You have to put things together on your own. You can use clues in what you read, and you can use your own experiences.

Look at the chart below. Write what you can infer from the text and your experience.

Text Information	My Experience	l can infer
A late movie may be too	I live in New Mexico, and I	\sim
late for a person in the	watch a lot of late movies	
Eastern time zone.	before I go to sleep.	
For part of the year,	The area where I live	
standard time changes to	doesn't have daylight	
daylight saving time in most	, saving time.	
states. Daylight saving time		
gives more daylight hours		
late in the day.		

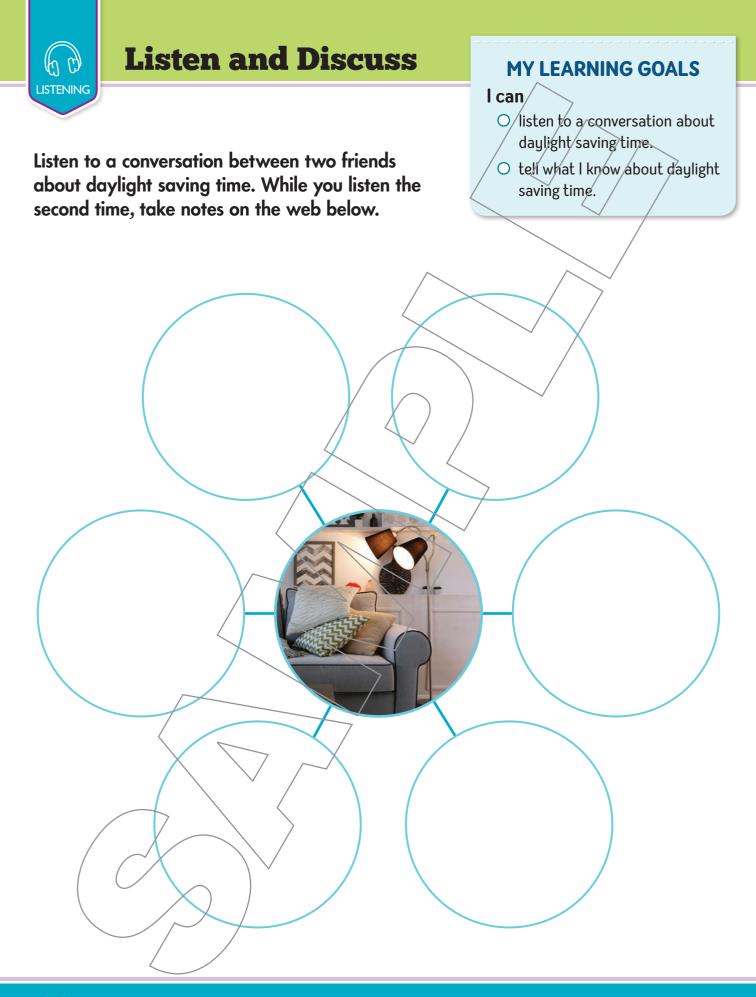


What Did You Learn?

Think about what you learned from the passage. Then circle the letter of the correct answer.

- 1. Most of North America has _____ major time zones.
 - A three
 - **B** four
 - **C** five
 - D six
- 2. Which word in the passage means "the process of choosing an official"?
 - A vote
 - **B** zone
 - **C** election
 - D method
- 3. Which event happened last?
 - A The whole world set time zones.
 - **B** America established time zones.
 - C Railroads were built across America.
 - Each place decided what time it was.
- 4. Before time zones, railroads couldn't make schedules because
 - A some trains were faster than others
 - **B** the time was different in each town
 - c every town had daylight saving time
 - the trains had problems breaking down

D



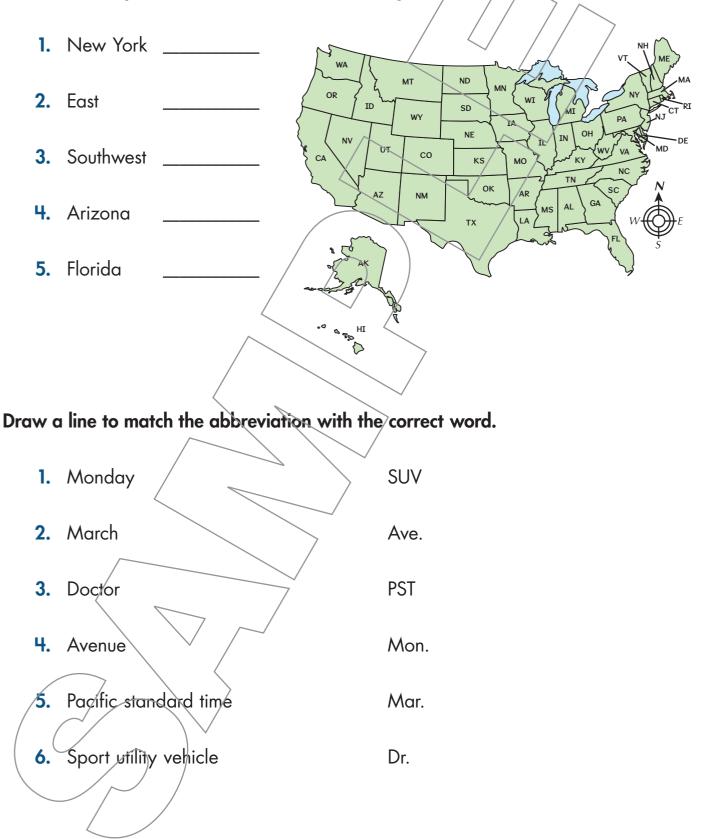


Unit 3 \star Lesson 7 101

Learning About Language MY LEARNING GOALS l can • identify abbreviations. **Abbreviations** O/use abbreviations An **abbreviation** is a short way of writing a word or correctly in a sentence. words. Use capital letters and periods to write most abbreviations. Time Months Days Sunday = Sun. Hour = hrJanuary = Jan. Monday = Mon. Minute = min February = Feb. Tuesday /= Tues. Second = sec March = Mar. September = Sept. Friday /= Fri. Before noon = A.M.Saturday = Sat. After noon = P.M. December ≠ Dec. Abbreviations for states, direction, and some common objects do not use periods. Direction States **Objects** North = N Television = TVHawaii = HI South = SNevada = NV Compact Disk = CD East = E Digital Video Disc = DVD North Carolina = NC West = W Pennsylvania = PA Sport Utility Vehicle = SUV Read the sentences from the passage. Then write the abbreviation for the underlined word on the line. 1. Times zones have even affected the way elections are reported on television. 2. You might call your cousin in Nevada at nine o'clock on Saturday morning. 3. You will arrive in Alabama at 9:55 A.M. Central standard time.

Learning About Language

Look at the map. Write the abbreviation for the given word.





MY LEARNING GOALS

I can

write to persuade.
use facts and reasons to support my argument.

An opinion is what someone thinks or believes. When you try to persuade someone to think or believe as you do, you support your opinion with facts and reasons. Many countries have daylight saving time for part of the year. This gives people an extra hour of light in the evening. Some people want daylight saving time to last all year. Write a paragraph to persuade someone that this is a good idea.



Use the chart to help you state your opinion and to give facts to support it.

Opinion

Fact/Reason

Write About It



I think we should have daylight saving time all year round. This would be
good because
5
Daylight saving time affects
We
This would save