

HISTORY & GEOGRAPHY

Student Book

► **2nd Grade** | Unit 8

EXPLORING AMERICA WITH MAPS

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LIFEPAC Test |Pull-out

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EXPLORING AMERICA WITH MAPS



Imagine that you and your family wanted to visit the exact middle of the 50 United States (including the states of Hawaii and Alaska). This spot is called the **geographic center**. Your family learns that this place is near the town of Belle Fourche (bell foosh), South Dakota. Unless you live near Belle Fourche, you probably do not know how to get to this town.

Maps help us find places. We can use maps to find out how to get to any city in the United States. Other helpful tools are the atlas and globe. We can use these things to find countries, cities, and oceans all around the world. In this LIFE PAC®, you will learn more about maps and how to read them.

Objectives

Read these objectives. They will tell what you will be able to do when you have finished this LIFEPAK®.

1. Name the cardinal directions.
2. Locate highways and interstates.
3. Recognize lines of latitude and longitude.
4. Locate a city on a map using the letter and number to find its location.
5. Discuss what the symbols in a map key mean on the map.
6. Describe land features found on a map.
7. Tell what time zone you live in.

New Words

These words will appear in boldface (darker print) the first time they are used.

atlas (at' ləs). A book of maps.

borders (bôr' dərs). Lines between states and countries.

cardinal directions (kär' dn əl dī rĕk' shəns). The four main directions: north, south, east, and west.

geographic center (jē ə grăf' ĩk sĕn' tər). The exact middle of the 50 states.

interstate (ĩn' tər stāt). A highway that crosses states; interstates have no stop signs and higher speed limits.

key (kē). A chart on a map that shows the meanings of symbols.

latitude (lat' i tōōd). Lines on a globe that run from east to west.

longitude (lōn' ji tōōd). Lines on a globe that run north and south.

symbol (sīm' bəl). A picture that stands for something.

tributary (trib' yə tēr ē). A stream or river that flows into a larger river.

1. DIRECTIONS ON A MAP

We often look at a map before going on a trip. Maps give all types of information about the place we want to visit. They can also tell you about places you may want to visit along the way. Maps use colors and pictures, or symbols, to tell us about places. You need to learn the meanings of these **symbols** to get the most out of maps.



Words to Study

borders (bōr' dərs). Lines between states and countries.

cardinal directions (kär' dn əl dī rēk' shəns). The four main directions: north, south, east, and west.

latitude (lat' i tōōd). Lines on a globe that run from east to west.

longitude (lōn' ji tōōd). Lines of a globe that run north and south.

symbol (sīm' bəl). A picture that stands for something.

Ask your teacher to say these words with you.

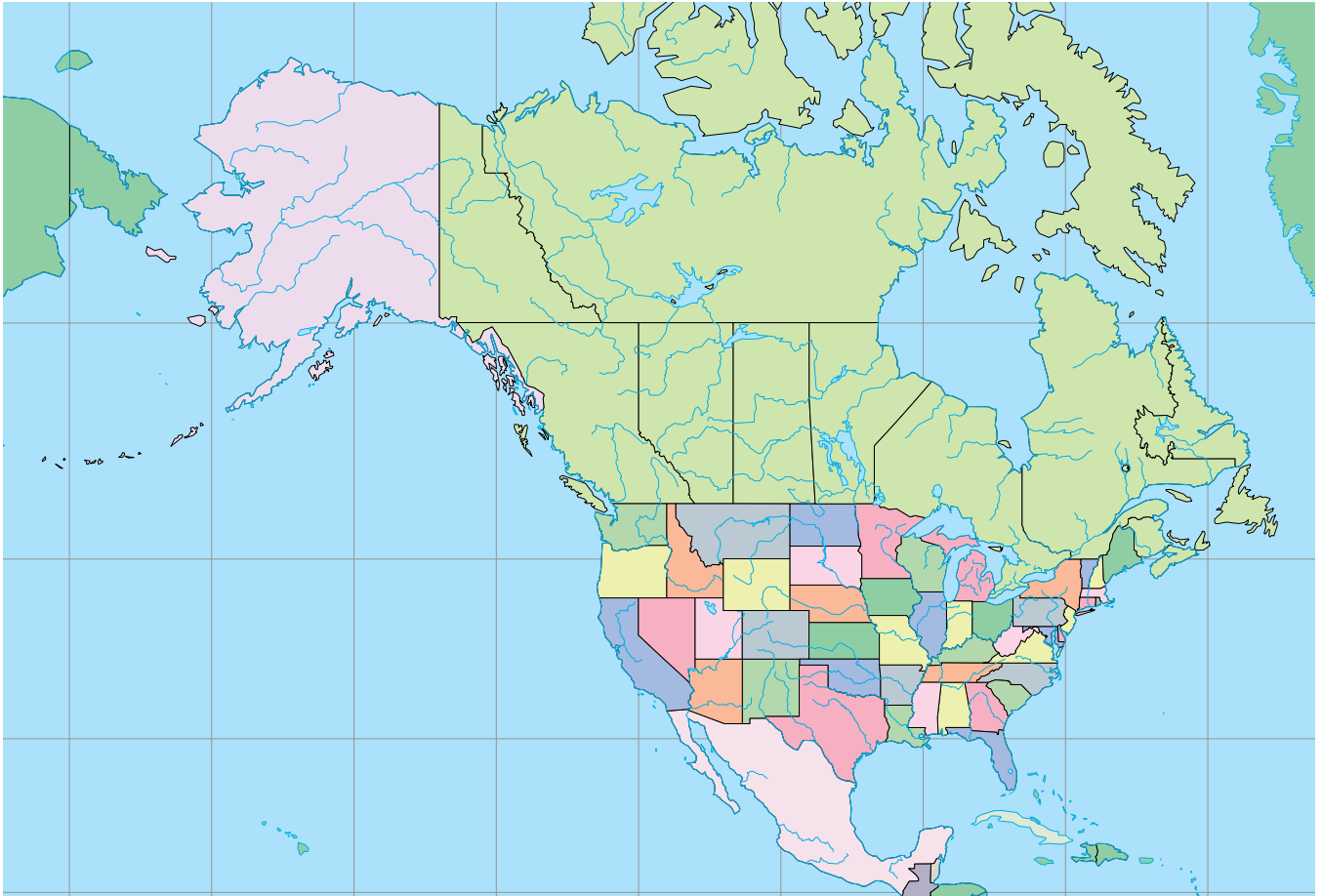


Teacher Check

Initial

Date

Look at a globe to better understand how the world is sized. Find the states of Hawaii and Alaska. You will be able to see the size of these two states compared to other states.





Circle the correct answer.

- 1.1** A map of the United States will show all _____ states.
a. 48 b. 50 c. 39
- 1.2** Circle the two states that are not connected to the rest of the United States.
a. Alaska b. Texas c. Hawaii
d. California e. South Dakota
- 1.3** Alaska is _____ any of the other U.S. states.
a. larger than
b. smaller than
c. the same size as



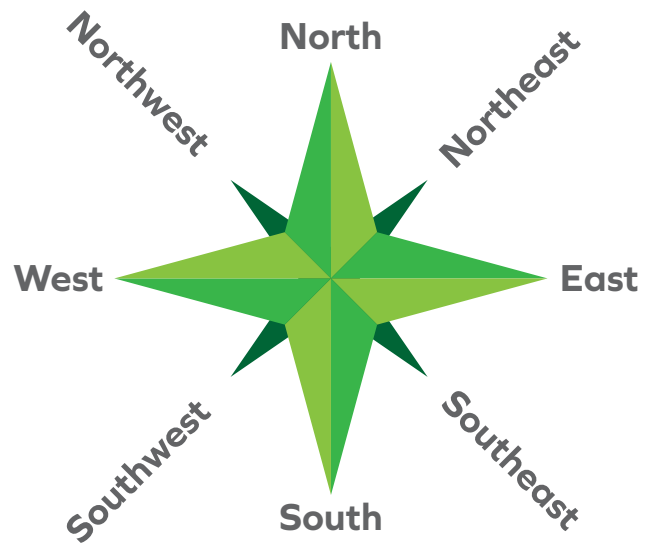
Map Activity

Look at a map of the United States. See if you can find the state where you live. Often, states are shown in different colors. Look for the boxes that show the states of Alaska and Hawaii.

Compass Rose

The four main directions are north, south, east, and west. Many maps have a circle in one corner with points or arrows on it marking these four directions. Often, the directions are marked with a capital letter. For example, N stands for north, and S stands for south. This

symbol is called a compass rose. The point that goes up shows the direction of north. The point that goes down shows the direction south. The arrow that goes to the right shows east, and the arrow on the left points west. We call these four directions the **cardinal directions**. Almost all maps are printed the same way. North is always the top of the map. South is always the bottom of the map. East is always to the right side of the map. West is always to the left side of the map.





On the map, find the town of Belle Fourche, South Dakota. The state of North Dakota is north of Belle Fourche. The state of Texas can be found to the south. Pennsylvania is to the east of Belle Fourche, and Oregon is to the west. Locate these places on the map. Notice their directions from Belle Fourche. Find the city where you live. Decide if it is north, south, east, or west of Belle Fourche, South Dakota. If you live in Belle Fourche, you are home!



Circle the correct answer.

- 1.4** A compass rose shows _____.
a. population b. cities c. directions
- 1.5** North, south, east, and west are called the _____ directions.
a. rose b. main c. cardinal
- 1.6** On most maps, the direction _____ is at the top of the map.
a. south b. north c. east

Use the map to answer these questions. Write *N* (north), *S* (south), *E* (east), or *W* (west).

- 1.7** Texas is _____ of Minnesota.
- 1.8** Montana is _____ of Texas.
- 1.9** California is _____ Missouri.
- 1.10** Virginia is _____ Kansas.

SELF TEST 1

Each answer = 1 point

Circle **Yes** if the sentence is correct or **No** if it is wrong.

- 1.01** Maps of the United States usually show 48 states.
Yes No
- 1.02** The state of Alaska is larger than any of the other states.
Yes No
- 1.03** Many maps of the United States use different colors for the states.
Yes No
- 1.04** On most maps, the direction south is to the top of the map.
Yes No
- 1.05** A compass rose shows the directions north, south, right, and left.
Yes No

Circle the correct answer.

- 1.06** The town of _____ is the geographic center of the United States.
- a. Belle Fourche
 - b. Bismarck
 - c. Rapid City
- 1.07** A _____ is used to show directions.
- a. color
 - b. scale
 - c. compass rose
- 1.08** Lines of _____ run north and south.
- a. longitude
 - b. latitude
- 1.09** Lines of _____ run east and west.
- a. longitude
 - b. latitude



Look at the map to answer the following questions. Find the state of Oklahoma. Tell if each state listed below is north, south, east, or west of Oklahoma.

N = North S = South E = East W = West

- 1.010

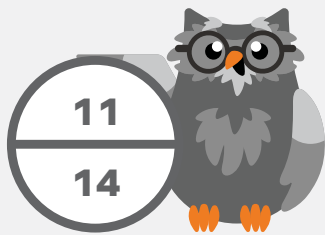
Nebraska
- 1.011

South Carolina
- 1.012

Arkansas
- 1.013

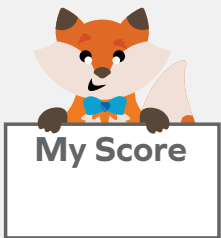
Texas
- 1.014

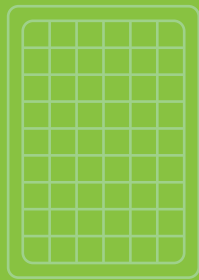
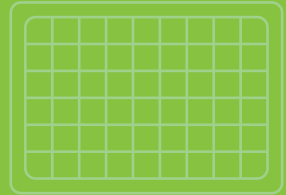
California



Teacher Check

Initial Date





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