

Name _____

Date _____ Period # _____

GETTING TO KNOW YOUR ATLAS

Score _____/50
½ point each

USING ATLAS TABLES

WORLD FACTS

1. Use the World Facts table on the inside front cover to rank the following features from largest to smallest, with 1 being the largest.

Lakes

- a. Victoria _____
- b. Caspian Sea _____
- c. Superior _____
- d. Maracaibo _____
- e. Ladoga _____
- f. Aral Sea _____

Country Areas

- a. China _____
- b. Australia _____
- c. Russia _____
- d. Argentina _____
- e. Algeria _____
- f. Canada _____

TABLE OF CONTENTS

2. Turn to the Contents on pages 2–3. These pages show you the sections of the Atlas. The Contents direct you to the correct page or pages for information in each section of the Atlas. Answer the questions below. (Use the headings for help locating information.)

- a. On which page(s) would you find a Land Cover Map of North America?

- b. What would you find on pages 138–139?

- c. Which page(s) would you turn to if you wanted to learn about invasive species in Australia and Oceania? _____

UNDERSTANDING MAP PROJECTIONS

- ★3. Turn to page 184 and read the introduction. Pretend you are a cartographer and you need to create a map of Europe for a travel brochure. You need to show Europe's true relative size, but not necessarily its true shape. Circle the property below that you would look for in a map projection.

conformal

equal-area

compromise

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4. Read the map projection captions on page 185. Draw a line to connect each of the following map projections with its properties.

Map Projections

- a. Albers Equal-Area •
- b. Bonne •
- c. Eckert IV •
- d. Robinson •
- e. Miller Cylindrical •

Properties

- pseudocylindrical, compromise
- cylindrical, compromise
- conic, equal-area
- pseudoconic, equal-area
- pseudocylindrical, equal-area

COUNTRY TABLES

5. Look at the Country Tables on pages 186–191. The table headings identify the types of facts shown in each column, such as capitals, area, and population. Countries are grouped by continent. Use the Country Tables to identify the country that matches each set of facts.

- a. capital: Cairo (Africa)
- b. official languages: Hindi, English (Asia)
- c. population: 71,201 (Europe)
- d. population density: 8.6 people per sq. mile (North America)
- e. area: 1,073,400 sq. miles (South America)

6. Use the Country Tables on pages 186–191 to write the number of people who live in each country listed below. Then rank the countries from largest population to smallest, with 1 being the largest.

Country

Population

Rank

- a. Djibouti (Africa)
- b. China (Asia)
- c. New Zealand (Australia and Oceania)
- d. France (Europe)
- e. United States (North America)
- f. Brazil (South America)

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

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USING SECTIONS OF THE ATLAS

WORLD MATTERS

1. Use the information on pages 14–15 to complete the following sentences.
- Elevation is the measure of land's height or depth above or below _____.
 - The air gets _____ the higher you travel above sea level.
 - Cross sections use _____ exaggeration to make shapes and elevation patterns of landscapes easier to see.
 - A _____ is a low area surrounded by higher ground.
 - South America's area of highest elevation is the _____.

CONTINENT OVERVIEW

2. Turn to the Continent Overview for South America on page 111 to determine if the following statements are true or false. Write **T** in front of the sentence if it is true and **F** if it is false.
- _____ South America's highest peak is Aconcagua.
 - _____ Brazil is South America's largest country by area and by population.
 - _____ The contiguous United States is about twice as large as South America.
 - _____ Angel Falls in Venezuela is the highest waterfall in the world.
 - _____ This Atlas has four regional maps of South America.

THEMATIC MAPS

- ★3. Use the five thematic maps on pages 125–127 to match the following maps with their possible uses.

Thematic Maps

- Precipitation •
- Land Use •
- Climate •
- Energy Resources and Metals •
- Population •

Uses

- Location of tropical rain forest
- Where coal is mined
- Areas of commercial farming
- Number of people living in an area
- Amount of rainfall per year

Name _____

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REGIONAL MAPS

4. Use the regional maps on pages 144–148 to answer the following questions. Circle the correct answer under each question.

a. What is the capital of Ireland?

Galway

Belfast

Cork

Dublin

b. In which country are Lake Vanern and Lake Vattern located?

Norway

Sweden

Finland

Estonia

c. The Balearic Islands are part of which country?

Spain

France

Portugal

Italy

d. How many countries border Hungary?

five

six

seven

eight

e. Which of the following Russian cities is the largest?

Perm

Saratov

Astrakhan

Voronezh

GRAPHS AND PHOTOS

5. Use the Annual Middle American Agriculture graph and the photo on page 105 to complete the following sentences by underlining the correct words.

a. (Mexico, Cuba) exports the largest percentage of sugar cane.

b. Middle America exports more (bananas, mangoes) than oranges.

c. The photo of the open-air market was taken in (Barbados, Grenada).

ISSUES TODAY

6. Use the information on page 67 to answer the following questions.

a. Which province brings in over 5 billion dollars from mining? (Use the Mining in Canada map.) _____

b. In which province was the photograph of the abandoned mine taken?

c. What is the largest sector of Canada's gross domestic product? (Use the GDP by Sector graph.) _____

Name _____

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USING THE GLOSSARY AND INDEX

GLOSSARY

1. Turn to the Glossary on pages 192–193 in your Atlas. The glossary is an alphabetical listing of difficult words from the Atlas with their definitions. Use the Glossary to circle the correct word for each definition. (Hint: Find the words first.)

- a. Purchase of goods produced in a foreign country.

export culture import weather

- b. Disease spread over a wide geographic area.

atoll fault pandemic urbanization

- c. Alternative energy source made from plants, often corn or sugar cane.

ethanol metal thermal energy tundra

- d. Native to a particular region.

ethnicity feral urban indigenous

INDEX

2. Turn to the Index on pages 194–224. The Index is an alphabetical listing of all the places named in the Atlas. For each place name, the Index gives the description and two ways to locate it: latitude-longitude coordinates and page number. Use the Index to write the latitude-longitude coordinates and page number for each place below.

| Places | Latitude-Longitude Coordinates | Page Numbers |
|-----------------|--------------------------------|--------------|
| a. Adelaide | _____ | _____ |
| b. Buenos Aires | _____ | _____ |
| c. Iraq | _____ | _____ |
| d. Las Vegas | _____ | _____ |
| e. Nairobi | _____ | _____ |

3. Use the Index entries of the places in dark type to answer the questions below.

- a. In what country is the city of **Rio de Janeiro**? _____
- b. On what continent is the country of **Belarus**? _____
- c. In what ocean is the island of **Tahiti**? _____
- d. On what continent is **Victoria Falls**? _____

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ABBREVIATIONS

4. Now look at the list of abbreviations on page 224. Abbreviations are used for many words and place names on the maps in your Atlas. Draw a line to connect each abbreviation with its word or place name.

Abbreviations

- a. elev. •
- b. Fk. •
- c. ME •
- d. Mex. •
- e. poss. •
- f. res. •

Full Words/Names

- possession
- Fork
- reservoir
- elevation
- Maine
- Mexico

THEMATIC INDEX

5. Turn to the Thematic Index on the inside back cover. The Thematic Index categorizes the information, maps, graphs, and diagrams in your Atlas by theme. It also tells you the page numbers where the information, maps, graphs, and/or diagrams are located. Use the Thematic Index to answer the questions below. (Hint: Use the headings for help finding answers.)

- a. On what page(s) would you find an ethnic composition graph of Nigeria?

- b. What page(s) would you turn to if you wanted to find out about climate and precipitation in Asia? _____

- c. On what page(s) would you find a major highways and airports map of Canada?

- d. How many different items are in the Atlas about culture? _____

6. Read the list of items under Environmental Issues in the Thematic Index. Name another environmental issue that might fall under this category.

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READING MAP LEGENDS

POLITICAL RELIEF MAPS

1. Use the Detailed Legend for the Political Relief Maps on page 6 to match the following symbols with what they represent.

Symbols

- a. Thick purple line •
- b. Thin, black dotted line •
- c. Blue capitalized type •
- d. Circled star •
- e. Tan-colored area •

Meanings

- State, province, or territory boundary
- Land beyond the subject area
- International boundary
- Ocean
- National capital

2. Use the Political Relief Map of the United States on pages 68–69 to answer the following questions. Circle the correct answer under each question.

- a. Which river forms part of the border between the United States and Mexico?
Salt River Mississippi River Missouri River Rio Grande
- b. How many states border Wyoming?
four five six seven
- c. Which city in Tennessee is the largest?
Memphis Chattanooga Johnson City Knoxville

LAND COVER MAPS

3. Use the Land Cover Map of the United States on pages 70–71 to complete the following sentences.

- a. The land cover for almost all of Nevada is _____.
- b. The largest area of tundra is located in the state of _____.
- c. The land cover in Illinois is mostly _____.
- d. The land cover for the Great Plains is _____.
- e. Maine's primary land cover is _____.
- f. Northern Idaho's land cover is mostly _____.

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ELEVATION MAPS

- ★4. Use the Elevation Map of the United States on pages 72–73 to answer the following questions.
- Which state has the lower elevation, Louisiana or Minnesota?

 - Does Michigan's Upper Peninsula or the Alaska Peninsula have a higher elevation? _____
 - Do most of the areas of semi-desert and desert in the United States have a high or low elevation? (Use the Land Cover Map on pages 70–71 with the Elevation Map.) _____

THEMATIC MAPS

5. Use the Precipitation, Climate, and Land Use maps on pages 104–105 to determine if the following statements are true or false. Write **T** in front of the sentence if it is true and **F** if it is false.
- _____ The areas that receive the least precipitation in Middle America are located in Mexico.
 - _____ Cuba receives over 80 inches of precipitation per year.
 - _____ Puerto Rico has a tropical rain forest climate.
 - _____ Areas of Panama have a dry climate.
 - _____ The primary land use in Honduras is forestry.
 - _____ Most of Cuba's land is used for commercial farming.
6. Use the Energy Resources and Metals map and the Population map on pages 106–107 to complete the following sentences by underlining the correct words in parenthesis.
- Natural gas resources are more abundant in (Mexico, Cuba).
 - Panama's resources include gold, copper, and (zinc, manganese).
 - The population density of Puerto Rico is (100 to 250, over 250) per square mile.
 - Grenada and Dominica are (more, less) densely populated than the Bahamas.

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LOCATING PLACES

CARDINAL DIRECTIONS

1. Use the Political Relief Map of the East Central U.S. on pages 84–85 to match the following cities with their cardinal direction in relation to Lexington, Kentucky.

Cities

- a. Evansville, Indiana •
- b. Cincinnati, Ohio •
- c. Richmond, Virginia •
- d. Chattanooga, Tennessee •
- e. Charleston, West Virginia •

Cardinal Directions from Lexington

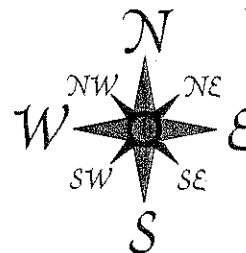
- North
- South
- East
- West



INTERMEDIATE DIRECTIONS

2. Use the Political Relief Map of Europe on pages 134–135 to determine if the following statements are true or false. Write **T** in front of the sentence if it is true and **F** if it is false.

- a. _____ Austria is southwest of Bosnia.
- b. _____ Switzerland is southeast of the Czech Republic.
- c. _____ Moldova is northeast of Greece.
- d. _____ Belarus is southwest of Norway.
- e. _____ Ireland is northwest of France.
- f. _____ Finland is southeast of Denmark.
- g. _____ Albania is southeast of Croatia.



LOCATING PLACES ON MULTIPLE MAPS

- ★3. Use the Political Relief Map, the Land Cover Map, and the Elevation Map of Europe on pages 134–139 to answer the following questions.

- a. What are the land cover and elevation around Bucharest, Romania?

- b. What are the land cover and elevation around Helsinki, Finland? (Locate the city on the political relief map first, since it is not labeled on the other two maps.)

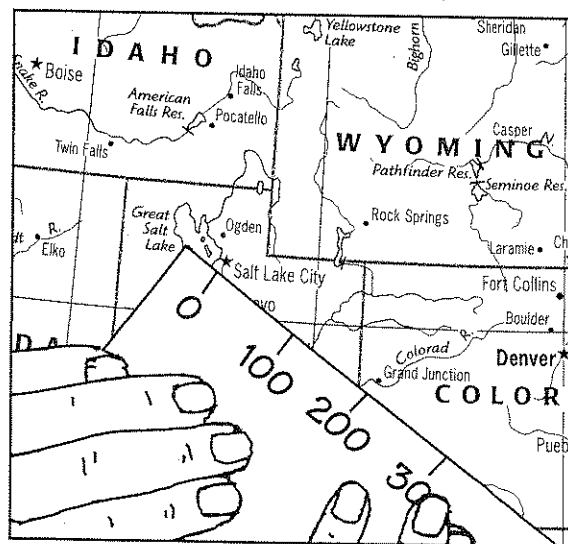
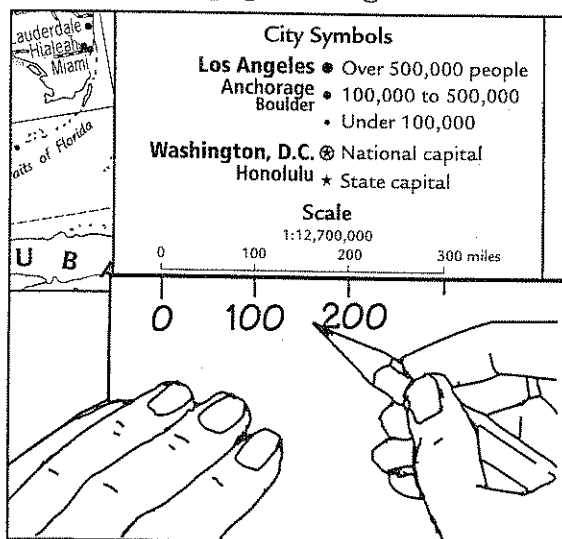
Name _____

Date _____

USING SCALE

4. Turn to the Political Relief Map of the United States on pages 68–69. To use the map scale:

- Place a 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 the two places in the following questions. Circle the correct distance under each question.

a. How far is St. Louis, Missouri, from Jefferson City, Missouri?

100 miles 200 miles 300 miles 400 miles

b. How far is Key West from Daytona Beach, Florida?

200 miles 300 miles 400 miles 500 miles

LATITUDE AND LONGITUDE

5. Use the Political Relief Map of Asia on pages 152–153 to find the coordinates for each of the following cities. Choose the coordinates below that are closest to each city.

21°N, 40°E

36°N, 140°E

31°N, 120°E

24°N, 90°E

- _____ Hangzhou, China
- _____ Dhaka, Bangladesh
- _____ Mecca, Saudi Arabia
- _____ Tokyo, Japan