

Name _____

Getting to Know Your Atlas

Lesson 1: Reference Skills

WORLD FACTS

- Use the World Facts information on the inside cover of your *Nystrom World Atlas* to answer the following questions.
 - Which continent makes up about 30% of the world's land area? _____
 - What is the highest point in South America? _____
 - Which ocean is the largest in area? _____
 - How many of the world's largest lakes are in North America? _____
- Fill in the table below with the two largest urban areas. What are the projected populations for these urban areas in 2015?

Urban Area	Population in 2015

CONTENTS

- Turn to the Table of Contents on page 2. This page directs you to the various atlas sections. Draw a line connecting each section below with the page on which it begins.




<u>Atlas Section</u>	<u>Page Number</u>
a. Asia •	• 26
b. Index of Places •	• 80
c. North America •	• 84
d. Middle East •	• 102
e. Pacific Rim •	• 110

REFERENCE AND THEMATIC MAPS

- Use In This Atlas on pages 3–5 to complete the following sentences.
 - Places beyond a Land Cover Map's subject area are in a _____ color.
 - On a Political Map, the names of countries, states, and large cities are _____.
 - The colors on an Elevation Map show land elevations and water _____.
 - The thematic maps that are repeated for each continent are Elevation, Annual Rainfall, _____, Land Use, and _____.

5. Use the Land Cover Map legend on page 3 to complete the following sentences.
 - a. Cropland is represented by the color _____.
 - b. Glaciers and polar sea ice are represented by the color _____.

6. Use the Political Map legend on page 3 to answer the following questions.
 - a. What does a small black square represent? _____
 - b. For city labels, what do the sizes of dots and letters indicate?

7. Use the Elevation Map legend on page 4 to determine what each symbol below represents. Write the description next to the symbol.
 - a.  _____
 - b.  _____
 - c.  _____

MAP PROJECTIONS

8. Use the Map Projections on pages 106–107 to answer the following questions. Circle the correct answers.
 - a. Which map projection shows true shape but distorts size?
 conformal projection equal-area projection compromise projection
 - b. Which map was first published in 1569?
 Miller Cylindrical Goode’s Homolosine Mercator
 - c. Which compromise map gives the impression of having been peeled from a globe?
 Gall-Peters Armadillo Winkel Tripel
 - d. Which map is a compromise between the Mercator and the Mollweide?
 Gall-Peters Miller Cylindrical Van der Grinten

THEMATIC INDEX

9. Use the Thematic Index of maps and graphs on the inside back cover to find the correct page numbers for the maps below. Cross out the incorrect page numbers.
 - a. World Climate map: pages 12–13 pages 18–19
 - b. Ring of Fire map: page 102 page 110
 - c. Middle East Oil Fields map: page 81 page 91
 - d. U.S. Highways map: page 38 page 48

Name _____

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Lesson 2: Glossary and Index

GLOSSARY

1. Turn to the Glossary on pages 108–109. The Glossary is an alphabetical listing of geographic terms from the atlas and their definitions. Use the Glossary definitions of the terms in bold to answer the following.
 - a. What surrounds a **basin**? _____
 - b. How is a **glacier** formed? _____

 - c. Why do **nomadic herders** move their livestock from place to place? _____

 - d. A water passage called a **strait** connects what? _____
 - e. Name three types of **wetlands**. _____

INDEX

2. The Index of Places on pages 110–120 is an alphabetical listing of places in the atlas. The Index also gives a description of the place, its latitude-longitude coordinates, and page number for each place. For example,

New Orleans, city in Louisiana, 30°N, 90°W 41

The above entry tells you that the city of New Orleans, Louisiana, can be found at (or near) the point where the lines for 30°N latitude and 90°W longitude meet on the map on page 41.

Use the Index to answer the following questions. Circle the correct answer.

- a. On which continent is Afghanistan located?

Africa Asia Europe South America

- b. On what page can Florence, Italy, be found in the atlas?

page 60 page 70 page 80 page 90

- c. What are the latitude-longitude coordinates for Montego Bay, Jamaica?

14°N, 74°W 18°S, 78° E 14°S, 74°E 18°N, 78°W

- d. Niihau is part of what island system?

Hawaii Bahamas Lesser Antilles Izu Islands

- e. Where is the city of Pointe-Noire in relation to the Equator? (Hint: Look at the latitude.)

north south east west

ABBREVIATIONS

3. Abbreviations are used for many words and place names on the maps in your atlas. Use the list of abbreviations on the inside back cover to write the full word or place name for each abbreviation below.

- a. Austr. _____
- b. Bos. _____
- c. Dom. Rep. _____
- d. Fr. _____
- e. I. or Is. _____
- f. L. _____
- g. Mt. or Mts. _____
- h. Pen. _____
- i. R. _____
- j. Ra. _____
- k. Res. _____

4. Open your atlas to the world map on pages 8–9. Look at the islands near Antarctica. These islands are all territories of other countries. Name the country that administers each island in the table below.

Island	Governing Country
South Orkney Island	
Prince Edward Island	
Kerguelen Island	

USING YOUR SKILLS

▶ 5. Use what you have learned about the atlas to fill in the blanks in the paragraph below.

The largest urban area in Brazil is _____. It can be found on the map on page _____ of the atlas. This city is crossed by the Tropic of _____. Of the two nearby coastal cities, Santos and Rio de Janeiro, _____ is larger. The national capital of Brazil is _____. The Brazilian city of Santarem is on the _____ River, which empties into the _____ Ocean.