

Map Coordinates

Monday

1. What are the lines called that run around the Earth in an east-west direction?

2. What are the lines called that run from the north to the south?

Tuesday

1. The map of Canada is shown on a geographic grid. What does that mean?

2. Which territories are between the same lines of latitude as Alaska?

Wednesday

1. How many provinces are completely or partially included between 50°N and 60°N latitude?

2. Which territories are completely or partially included between 90°W and 110°W longitude?



Map Coordinates

Thursday

1. Which four capitals are located between 60°W and 70°W longitude?

2. Which capital has the coordinates of 50°N latitude, 98°W longitude?

Friday

1. Estimate the coordinates for Victoria, British Columbia.

2. Estimate the coordinates for St. John's, Newfoundland.

Challenge

1/2

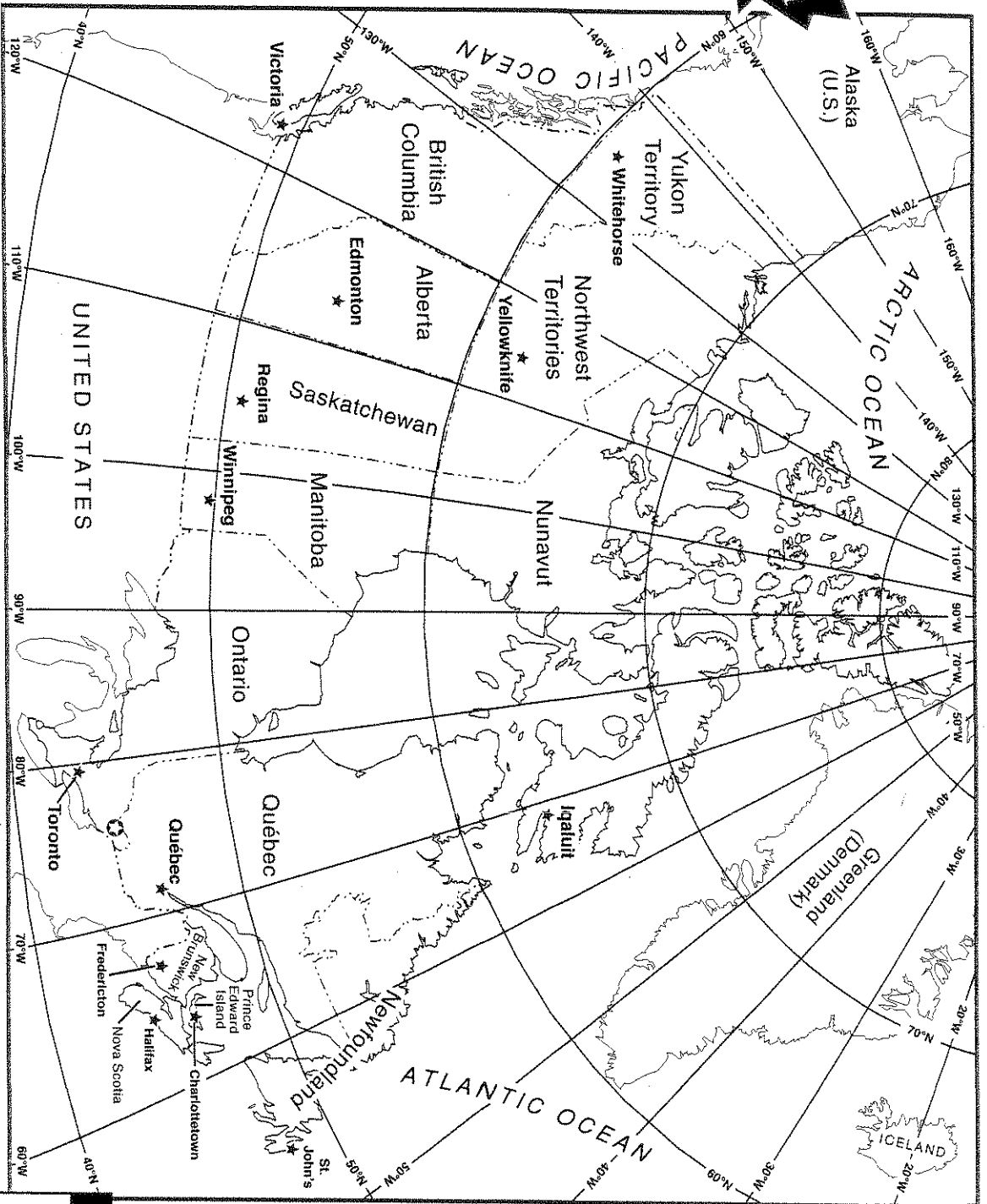
Label Canada's national capital—Ottawa—on the map next to its symbol. Write its coordinates at the bottom of the page. (Use °Longitude and °Latitude)

*Create a key and color each province or territory a different color.

Name _____

Map Coordinates




WEEK 6



The grid map of Canada shows the provinces and territories of Canada. A geographic grid is the intersecting pattern formed by the lines of latitude and longitude. The coordinates are the latitude and longitude address of a place.

Challenge

Legend

-  national capital
-  province or territory capital
-  province or territory border



A Robinson Projection Map

Monday

1. What is a system for mapping the round Earth on a flat surface called?

2. What is another name for an oval-shaped projection map?

Tuesday

1. Name the lines of latitude that are labeled north of the equator. What would be the next label after 75°N?

2. What is the range of numbers along the lines of longitude?

Wednesday

1. How many continents lie partially or completely south of the equator? Name them.

2. Most of the contiguous United States falls between which two lines of latitude? Hint: *Contiguous* means touching on one or more sides.



A Robinson Projection Map

Thursday

1. Is Central America on the same latitude as Africa, Australia, or South America?

2. Which continent includes the coordinates of 30°S latitude, 135°E longitude?

Friday

1. Are the shapes and sizes of the continents or the waterways shown more accurately on a Robinson projection map?

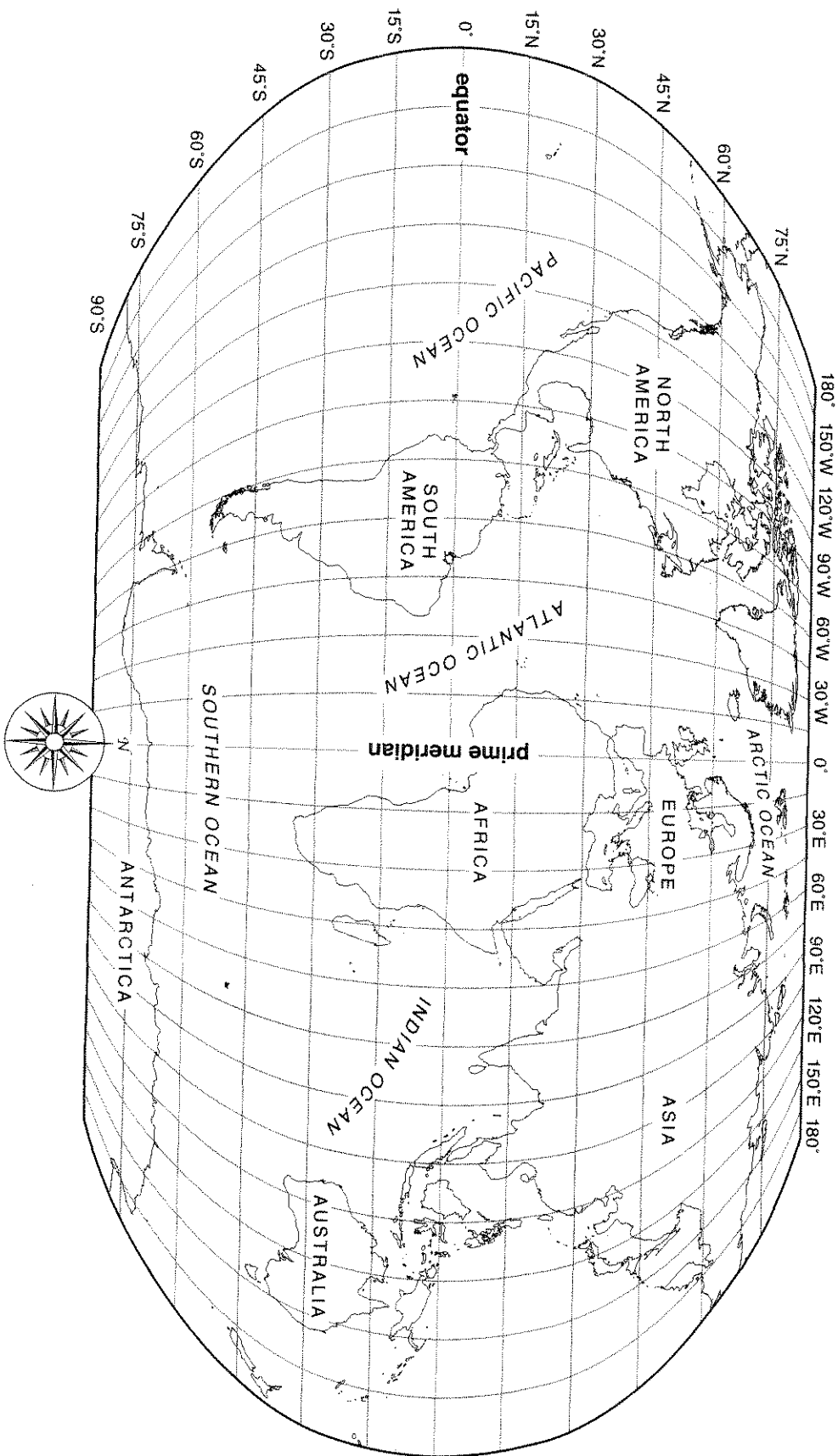
2. Which of the five oceans is closest to 90°N latitude, and which one is closest to 90°S latitude?

Challenge

On the bottom of the map, write a sentence telling why a globe is more accurate than a flat projection map.

A Robinson Projection Map

The World



The Robinson projection map is an oval-shaped projection. The shape and size of the continents are shown accurately, but the water areas are expanded to fill the extra space. This projection was created by the American cartographer Arthur Robinson.



A Mercator Projection Map

Monday

Due Friday! - 14

1. What is a projection?

2. Does the Mercator projection show the size, shape, or the location of the continents more accurately on a map?

Tuesday

1. Do the land areas around the North and South Poles appear smaller or larger in size than they really are?

2. Which continent appears much wider than it really is compared to the other continents?

Wednesday

1. Which continent includes the coordinates of 15°S latitude, 60°W longitude?

2. Estimate the coordinates for the southern tip of Africa.



A Mercator Projection Map

Thursday

1. Name all the labeled land and water areas that intersect with the prime meridian.

2. Name all the labeled land and water areas that intersect with the equator.

Friday

1. Which state in the United States is located at 150°W longitude?

2. Name a country that is located at 135°E longitude.

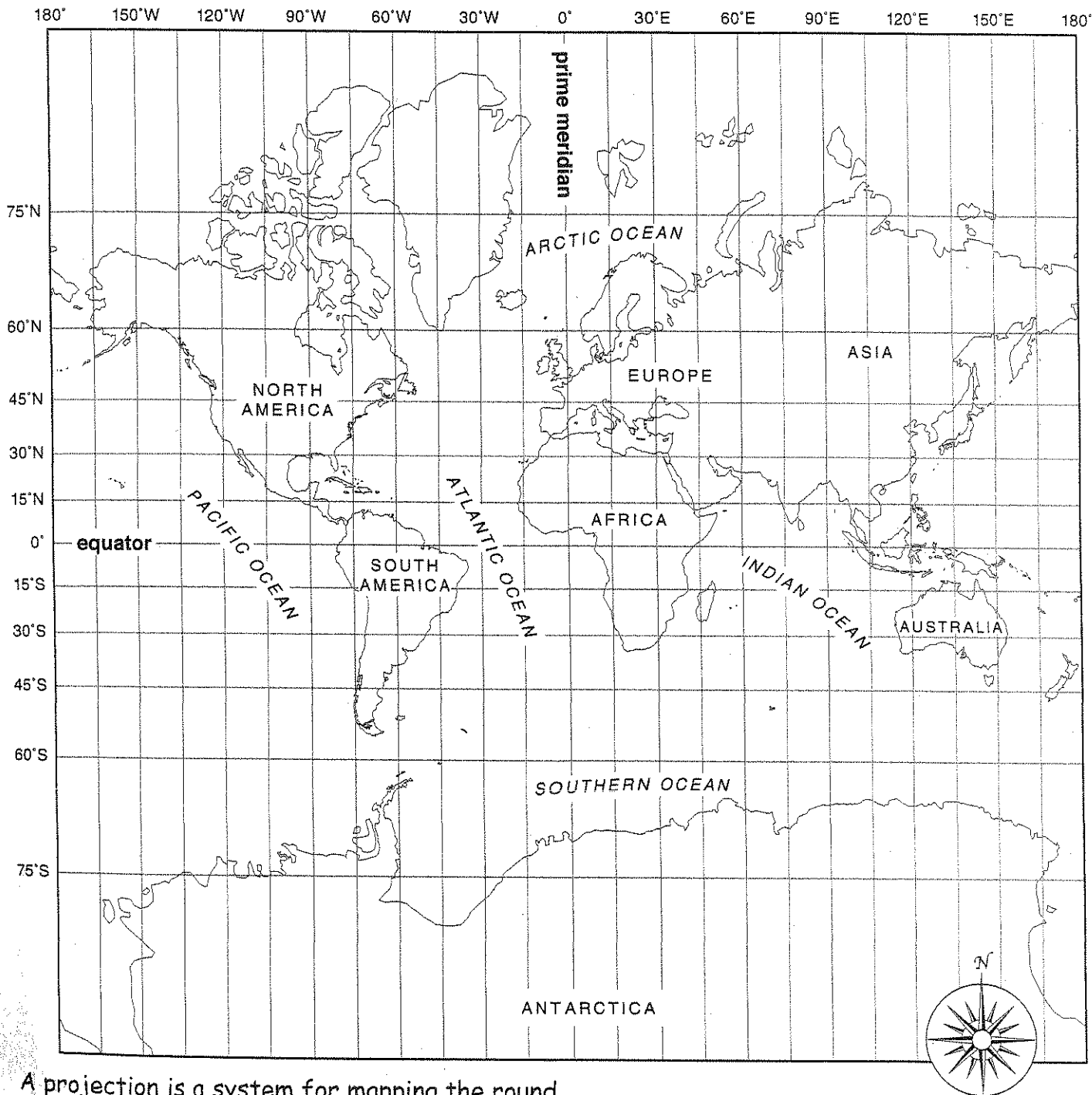
Challenge ¹⁴

On the map, color the equator line red and the prime meridian line blue. The equator divides the world into Northern and Southern Hemispheres. The prime meridian helps to divide the world into Eastern and Western Hemispheres. At the bottom of the page, write in which two hemispheres the United States is located. ^{-1 pt.} ^{-1 pt.} ^{2 pts.}

E.c. Color the 7 continents different colors. Create a key to identify which color belongs with which continent.

A Mercator Projection Map

The World



A projection is a system for mapping the round Earth on a flat surface. The Mercator projection map shows the accurate locations of the continents and oceans. The land and water areas, however, are greatly distorted toward the North and South Poles.

The United States is located in these two hemispheres:



Picturing North America

Due Friday!

Monday

1. When you picture a place in your mind, what kind of map are you making?

2. Don't look at the map of North America. Which country is north of the U.S., and which country is south of the U.S.?

Tuesday

1. Look at the shape of the United States on the map. Name two states that border the Pacific Ocean.

2. Look at the shape of the United States. Name two states that border Mexico.

Wednesday

1. Which two countries share a border with the Great Lakes?

2. Picture Alaska within the borders of the United States. Is Alaska smaller, larger, or the same size as Texas?



Picturing North America

Thursday

1. Central America connects North America to which other continent? How many countries make up Central America?

2. Which large island is part of North America, but belongs to a country in Europe? Where is it located?

Friday

1. Name five larger North American island nations that are located in the Caribbean Sea.

2. There are 23 countries in North America. How many are labeled on the map?

Challenge *15 - coloring labeled countries } not extra.
20 5 - sketch on back of map }*

On the North America map, color each country, using a different color. Study the map, making a mental picture of it. Turn the map over. On a blank piece of paper, draw a map sketch of North America. Don't forget to label as many countries and waterways as you can. Compare your sketch with the map.

*Extra Credit: Marking and labeling the capitals of the countries with a **

Picturing North America



North America includes 23 countries. Fifteen countries are labeled on the map. Eight small island nations are not labeled on the map. They are located in the Caribbean Sea and

are called Antigua and Barbuda, Barbados, Dominica, Grenada, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, and Trinidad and Tobago.



Picturing the World

14

Due Thursday

Monday

1. Look at the world map. Is it possible to find the absolute location or the relative location of North America using this map?

2. Which land region connects North America and South America?

Tuesday

1. Which oceans border North America? In which directions are they located in relation to the continent?

2. Which large continent is located along the Southern Ocean?

Wednesday

1. Study the map. Which two continents have many islands that are part of them?

2. Which continent is called both a continent and a country? Where is it located in relation to Asia?



Picturing the World

Thursday

1. Which two continents make up Eurasia?

2. If a person traveled east from the United States by ship, which ocean would he or she cross, and which two continents could the person reach?

Friday

1. The countries of Italy, India, and Japan are easy to picture due to their unique shapes. In which continents are they located?

2. The United Kingdom is made up of Great Britain (England, Scotland, and Wales) and Northern Ireland. They are island nations on which continent?

Challenge

4

Color the continents and oceans on the world map. While you color, think about the relative locations and sizes of the continents and oceans. Turn over the map. On a blank piece of paper, draw the world map from memory. Try to label as many continents and oceans as you can. Compare your map sketch with the world map.

Name _____

Picturing the World

WEEK 10

