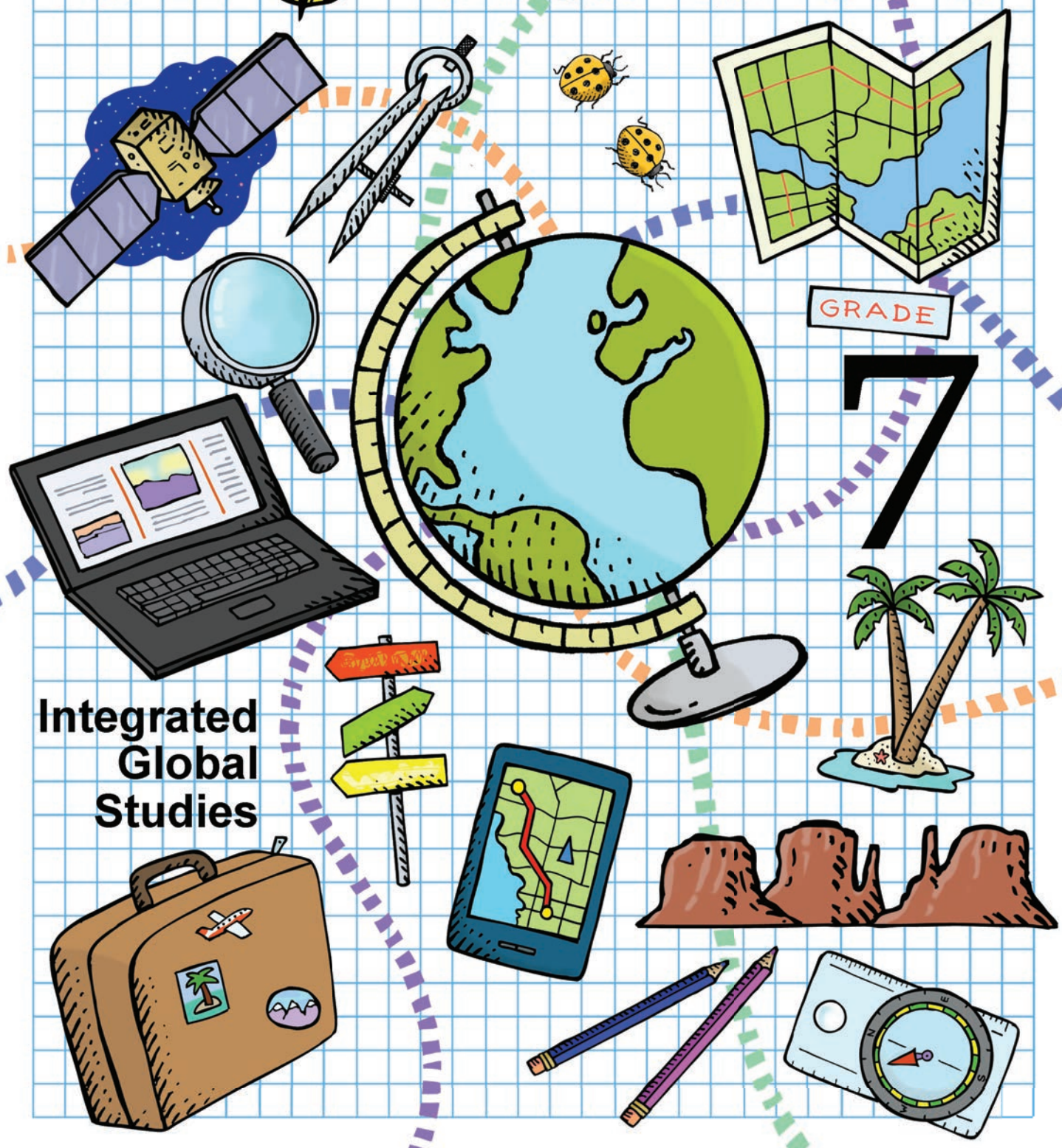


# ADVENTURES IN GEOGRAPHY



**Integrated  
Global  
Studies**

# This Book Belongs To:



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## Other Images, Illustrations and Sources

- Page 2 United States and Capitals Map - Arizona Geographic Alliance <http://geoalliance.asu.edu/maps/us>  
Page 3 South America's Capital Cities - Arizona Geographic Alliance <http://geoalliance.asu.edu/sites/default/files/maps/s-america-caps.pdf>  
Page 4 Mount Fuji Japanese Stamp - James Jackson, [bigblue1840-1940.blogspot.com](http://bigblue1840-1940.blogspot.com)  
Page 6 Adapted from "Rephotography: A Cool GeoTool," by Diane Godfrey, AzGA Teacher  
Consultant & Dr. Casey Allen - <http://geoalliance.asu.edu/Photos>  
Puerto Peñasco Photos - Finn, J., A. Fernandez, D.D. Arreola, L.M. Sutton, C.D. Allen, and  
C. Smith. (2009). Puerto Peñasco: From Fishing Village to Tourist Mecca. Geographical  
Review 99(4): 575-597  
Page 7 Sahara Desert Photo - Federico Gutierrez, [Unsplash.com](http://Unsplash.com)  
Dog Sled Photo - Fox Jia, [Unsplash.com](http://Unsplash.com)  
Page 8 Clipart - <https://publicdomainvectors.org/en/free-clipart/Leafy-tree-image/80765.html>  
Page 9 World Map - Arizona Geographic Alliance <http://geoalliance.asu.edu/sites/default/files/maps/World-at.pdf>  
Page 10 Arizona Counties Map - Arizona Geographic Alliance <http://geoalliance.asu.edu/sites/default/files/maps/azcounties-names.pdf>  
Arizona's Indian Reservations Map - Arizona Geographic Alliance [http://geoalliance.asu.edu/sites/default/files/maps/AZ\\_ReservationsBW.pdf](http://geoalliance.asu.edu/sites/default/files/maps/AZ_ReservationsBW.pdf)  
Landform Regions of Arizona - Arizona Geographic Alliance <http://geoalliance.asu.edu/sites/default/files/maps/AZLNDFRM.pdf>  
Page 11 Arizona Roads Map - Arizona Geographic Alliance <http://geoalliance.asu.edu/sites/default/files/maps/azroads.pdf>  
Page 12 Hurricane Rita Map - National Oceanic and Atmospheric Administration  
[https://www.nhc.noaa.gov/archive/2005/RITA\\_graphics.shtml](https://www.nhc.noaa.gov/archive/2005/RITA_graphics.shtml) 3-day cone/warnings  
Page 13 Tropical Storms Map - Arizona Geographic Alliance [http://geoalliance.asu.edu/sites/default/files/maps/Storm\\_Trackers.pdf](http://geoalliance.asu.edu/sites/default/files/maps/Storm_Trackers.pdf)  
Page 14 Southwest Indian Ruins Photo - Allison Hamilton  
Serengeti Photo - Marcel Kovačič, [Unsplash.com](http://Unsplash.com)  
Page 15 Country Cake Recipe Template Adapted from original work by Gale Ekiss, AzGA Teacher Consultant;  
Camel Clipart <https://publicdomainvectors.org/en/free-clipart/Camel-and-palm-trees/63421.html>  
Cupcake Clipart [https://www.pclipart.com/pindetail/ibTooIR\\_clipart-red-cupcake-png-transparent-png/](https://www.pclipart.com/pindetail/ibTooIR_clipart-red-cupcake-png-transparent-png/)  
Moroccan Star Clipart <https://www.pngfuel.com/free-png/nbkne>  
Page 16 Cake Clipart <http://clipart-library.com/newimages/birthday-cake-clip-art-black-and-white-9.jpg>

## Special Thanks

To Barbara Trapido-Lurie for her help in modifying our maps for the activity books.

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that made these activity booklets possible.

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# Introduction: The 5 Themes of Geography

**Directions:** Read through the descriptors of the five themes of geography below. Choose **three** of the themes to focus on in more detail. Write the names of the three themes you picked on the blank lines in the boxes at the bottom of the page. Draw an image that shows a detail related to that theme.

Location: Where is it?

Absolute location: the point where 2 lines intersect (latitude & longitude, street address)

Relative location: where it is in relation to something else (north of, across from, etc.)

Place: What's it like there?

Physical characteristics (landforms, bodies of water, climate, soil, natural vegetation, animal life)

Human characteristics (population density, languages, religion, culture, political systems)

**Human/Environment Interaction:** What is the relationship between humans and their environment?

How humans depend on the environment (basic needs of food, shelter, clothing)

How humans modify the environment (construct dams, plow & irrigate fields, dig mines, build houses)

How humans adapt to the environment (air conditioning in the Southwest)

**Movement:** How and why are places connected with one another?

Movement of people (immigration, job relocation, urbanization)

Movement of goods (imports & exports, outsourcing, trade)

Movement of ideas (media, fads, cultural diffusion)

Regions: How and why is one area similar to, or different from, another area?

Political: (areas that share similar government or similar treaty alliances)

Physical (areas that share similar physical/natural features)

Cultural (areas that share similar cultural/human characteristics)

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# Location: Absolute

**Directions:** You are going on a rock star tour to the following U.S. capital cities. Use the map below to find each of the latitude/longitude coordinates. Write down the name of the city in each box. Finally, using the letter clue, figure out the hidden message!

**Hidden Message:** \_\_\_\_\_

40°N,77°W (Last Letter)	30°N,84°W (Last Letter)	39°N,122°W (Last Letter)	43°N,84°W (Last Letter)	40°N,105°W (Last Letter)	34°N,84°W (Last Letter)	33°N,112°W (First Letter)
47°N,112°W (First Letter)	43°N,74°W (Last Letter)	36°N,79°W (First Letter)	47°N,123°W (First Letter)	40°N,83°W (First Letter)	35°N,92°W (Last Letter)	45°N,123°W (First Letter)

The United States and Capitals (with Latitude and Longitude)



# Location: Relative

**Directions:** Some of the South American capitals have decided to play "Hide & Seek." Use the map below and the relative location clues to identify the correct capital city.

#1	_____	On the Equator
#2	_____	SW of Asuncion + W of Buenos Aires
#3	_____	E of Georgetown + W of Cayenne
#4	_____	NE of Quito + SW of Caracas
#5	_____	SE of Lima + W of Brasilia
#6	_____	SE of La Paz + SW of Brasilia + NW of Montevideo

South America's Capital Cities



**Directions:** Solve each of the riddles below by naming a country or capital associated with South America.

## Riddle #1

What is the smartest capital city in South America?

Why?

## Riddle #2

Why was Chile upset with French Guiana?

## Riddle #3

Geographically speaking, here's my country profile:

- Okay, okay . . . At times, I'll admit, I can be a nut.
- I'm well connected . . . Amazon delivers daily.
- I can be distant . . . I'll have nothing to do with the Eastern Hemisphere.
- I have ten close neighbors but we know our boundaries.

What Country Am I? \_\_\_\_\_

# Place: Physical Characteristics

## Did You Know?

Located 60 miles west of Tokyo, Mount Fuji, rises to a height of 12,388 feet. Fuji-san is a dormant volcano, last erupting in 1707. Mount Fuji's elegant conical shape has made it famous around the world. Fuji is a sacred symbol of Japan. Every summer thousands of Japanese climb to its peak, hiking all night to reach the shrine at the summit by dawn. The iconic image of Mt. Fuji is the subject of the celebrated series of woodblock prints called, Thirty-six Views of Mt. Fuji.

## Mount Fujiyama Sacred Mountain of Japan



**Directions:** Now it's your turn. Select your favorite country. Research a famous physical landmark unique to your country. Write a "Did You Know" description that explains how this physical landmark is of significant importance to your selected country. Create a postage stamp featuring this landmark.

## Did You Know?

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## Place: Cultural Characteristics

## Did You Know?

You have probably heard of Aladdin's Flying Carpet. Well, did you know that the tales about magical flying carpets come from a collection of Middle Eastern stories called 1001 Arabian Nights? Most historians and scholars believe these tales originated, not from the Arabian Peninsula, but from ancient India and Persia. The once powerful Persian Empire existed in central Asia, in the present-day country of Iran. Persian carpets are considered to be one of the finest, most exquisite pieces of art an Iranian can own and many search the bazaars of Tehran to invest their wealth in these prized possessions.

The motifs and patterns woven into a woolen Persian carpet are very graceful and free flowing. The detailed designs are often symmetrical, featuring plants, flowers, animals, and geometric designs. Thick piles of color in rich deep hues are woven into the carpet while more expensive ones have silver and gold threaded accents.

**Directions:** Use the blank template below to design and color your very own Persian Carpet. Imagine your carpet has the power to whisk you away to any geographic location in the world. Where would you go? What sights would you see along the way? Write a brief description of your journey below.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

# Human Environment Interaction: Modify

**Directions:** Examine the two photos of Puerto Peñasco, Mexico. Both depict the exact same location but were taken on two different dates. Think like a geographer, analyzing how and why change occurred.

**See:** Write down your observations. Stick to just the facts. Don't try to explain.

**Think:** Write down your inferences and interpretations. Try to explain the changes that occurred.

**Wonder:** Write down questions you have AND your predictions for the future of Puerto Peñasco.



1950



2007

What do you see?

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What do you think?

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What do you wonder?

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# Human Environment Interaction

**Directions:** Read the descriptions for each of the locations listed below. Based on the physical and cultural descriptions, identify 5 ways in which you predict humans have adapted to the local environment.



The Sahara Desert is the largest hot desert in the world, covering most of northern Africa. Deserts are defined by their lack of rainfall (less than 10 inches a year) and intense solar radiation. The primary physical features of a desert are often sand dunes, mountains, plains, and plateaus. Water sources are scarce but not unheard of. The Sahara is dotted with scattered oases, fed by underground water sources called aquifers. Historically humans have engaged in Trans-Saharan trade, traversing long distances via camel caravans between oases trade centers.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Lapland is a region of northern Europe located primarily within the Arctic Circle. It stretches across northern Norway, Sweden, and Finland. Due to its extreme latitude, Lapland experiences only a few hours of daylight during winter months. In the summer, the sun doesn't completely dip below the horizon; this phenomenon is often referred to as the midnight sun. The region has impressive mountains, forests, fjords, swamps, and bogs. As expected in forested areas, Lapland is home to many mammals including bears, wolves, ermines, and reindeer. The Sámi people are an indigenous group who have made their livelihood herding reindeer for both food and transport.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

# Movement of People

**Directions:** Migration is an example of the theme of movement. People relocate from one geographic location to another for many reasons. In geography, we call these push-pull factors of migration. Push factors drive people out of their homeland, such as war or natural disasters. Pull factors attract people to a new area due to opportunities, such as employment or political refuge. Every family has a unique migration story that can be traced via a Family Tree. Interview your parents to find out the birthplace of your parents and grandparents. Ask about the push-pull factors that apply to your family's migration story.

**My Family Tree**

My Name \_\_\_\_\_  
 Birthplace \_\_\_\_\_  
 (City & State IF U.S. born)  
 (City & Country IF Foreign Born)

**Father**

Name \_\_\_\_\_  
 Birthplace \_\_\_\_\_  
 (City & State IF U.S. born)  
 (City & Country IF Foreign Born)

**Mother**

Name \_\_\_\_\_  
 Birthplace \_\_\_\_\_  
 (City & State IF U.S. born)  
 (City & Country IF Foreign Born)

**Grandfather**

\_\_\_\_\_  
 \_\_\_\_\_

**Grandmother**

\_\_\_\_\_  
 \_\_\_\_\_

**Major Reasons for My Family's Migration to OR within the U.S.A.**

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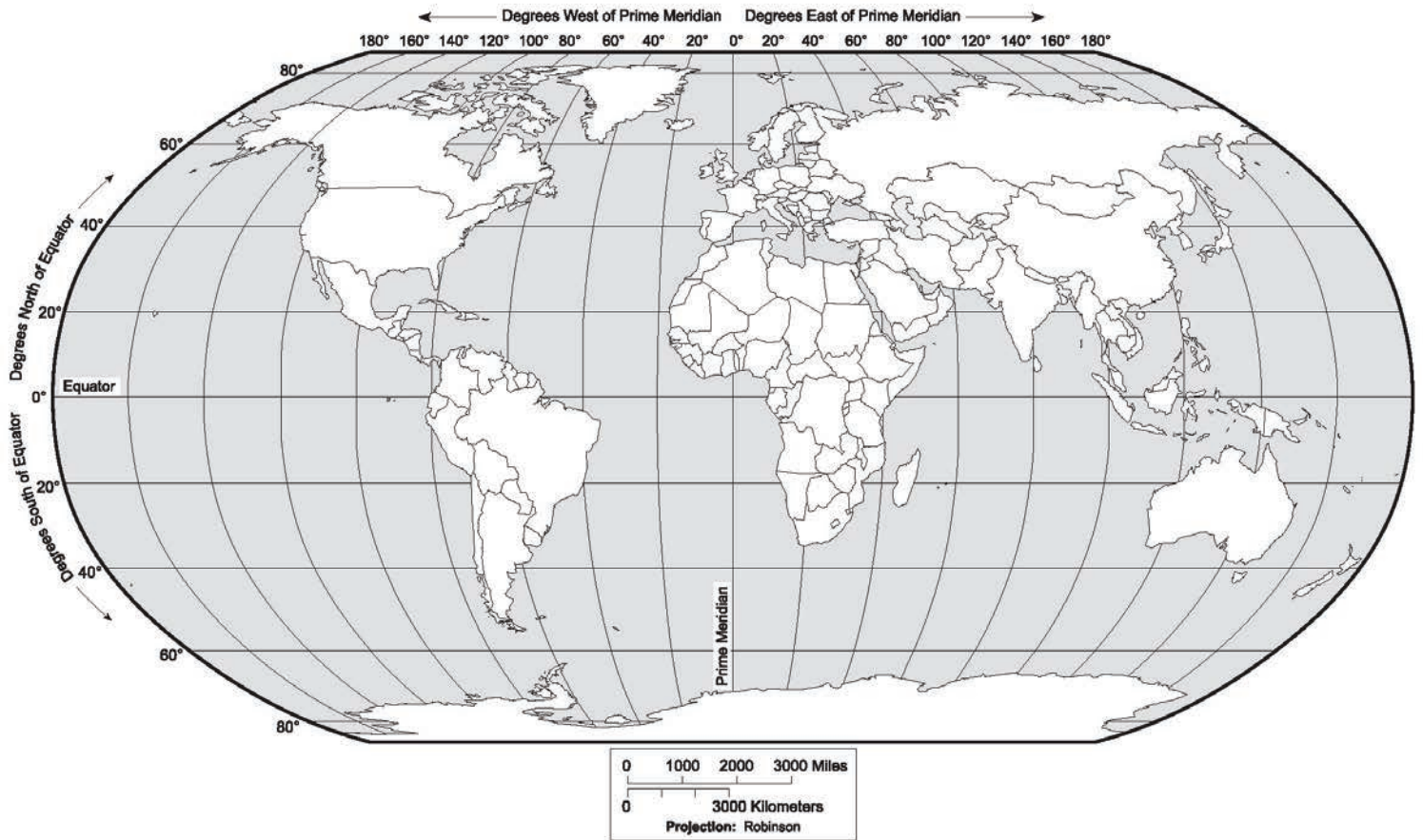
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# Movement of Goods

## World

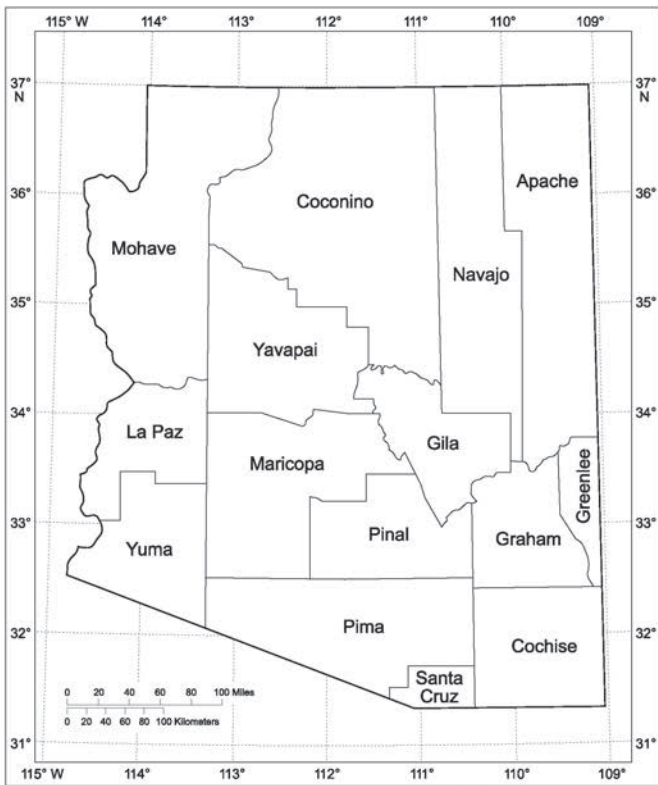


### Where in the World ... Wearing the World

**Directions:** Take a survey of the following wardrobe items and accessories in your closet to find out WHERE in the world they were made. Look for tags stitched to or stamped on the inside of clothing items. Write down the name of the country where each item was assembled. Locate the countries on the World Map above. Color in the countries, according to the color of the item label in the chart below. (For Example: Shirt countries will be colored RED, Shoe countries will be colored BROWN.)

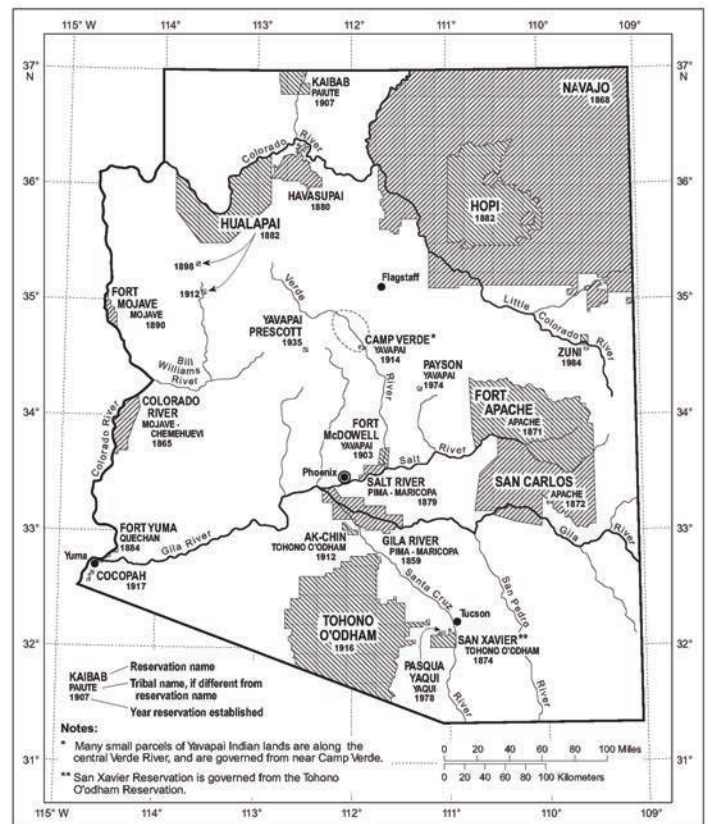
Item	Country	Item	Country
Shirt #1		Shoes #1	
Shirt #2		Shoes #2	
Pants/Shorts #1		Hat	
Pants/Shorts #2		Backpack	

# Regions



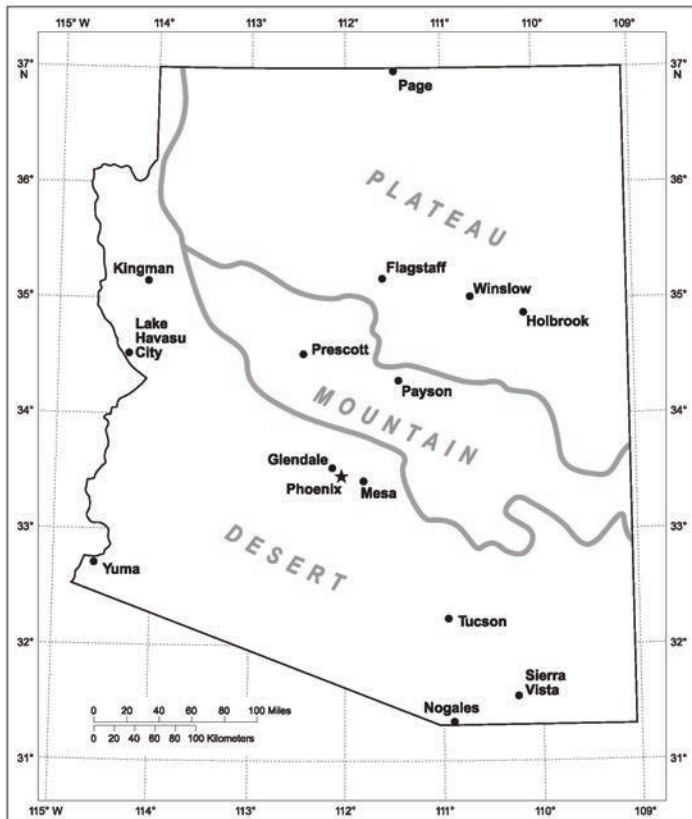
ARIZONA  
GEOGRAPHIC ALLIANCE

Courtesy: Arizona Geographic Alliance <http://geoalliance.asu.edu/azga>  
School of Geographical Sciences and Urban Planning  
Arizona State University  
Cartographer Barbara Trapido-Lurie azcounties-names.PDF



ARIZONA  
GEOGRAPHIC ALLIANCE

Courtesy: Arizona Geographic Alliance  
Department of Geography, Arizona State University  
Douglas Minnis



ARIZONA  
GEOGRAPHIC ALLIANCE

Courtesy: Arizona Geographic Alliance <http://geoalliance.asu.edu/azga>  
School of Geographical Sciences and Urban Planning  
Arizona State University  
Cartographer Barbara Trapido-Lurie AZLNDPRM.PDF02

**Directions:** Use the road map on the next page to complete the two "Map Challenges" below. The three maps on this page will provide you with the information you need to complete the challenges.

## Challenge 1

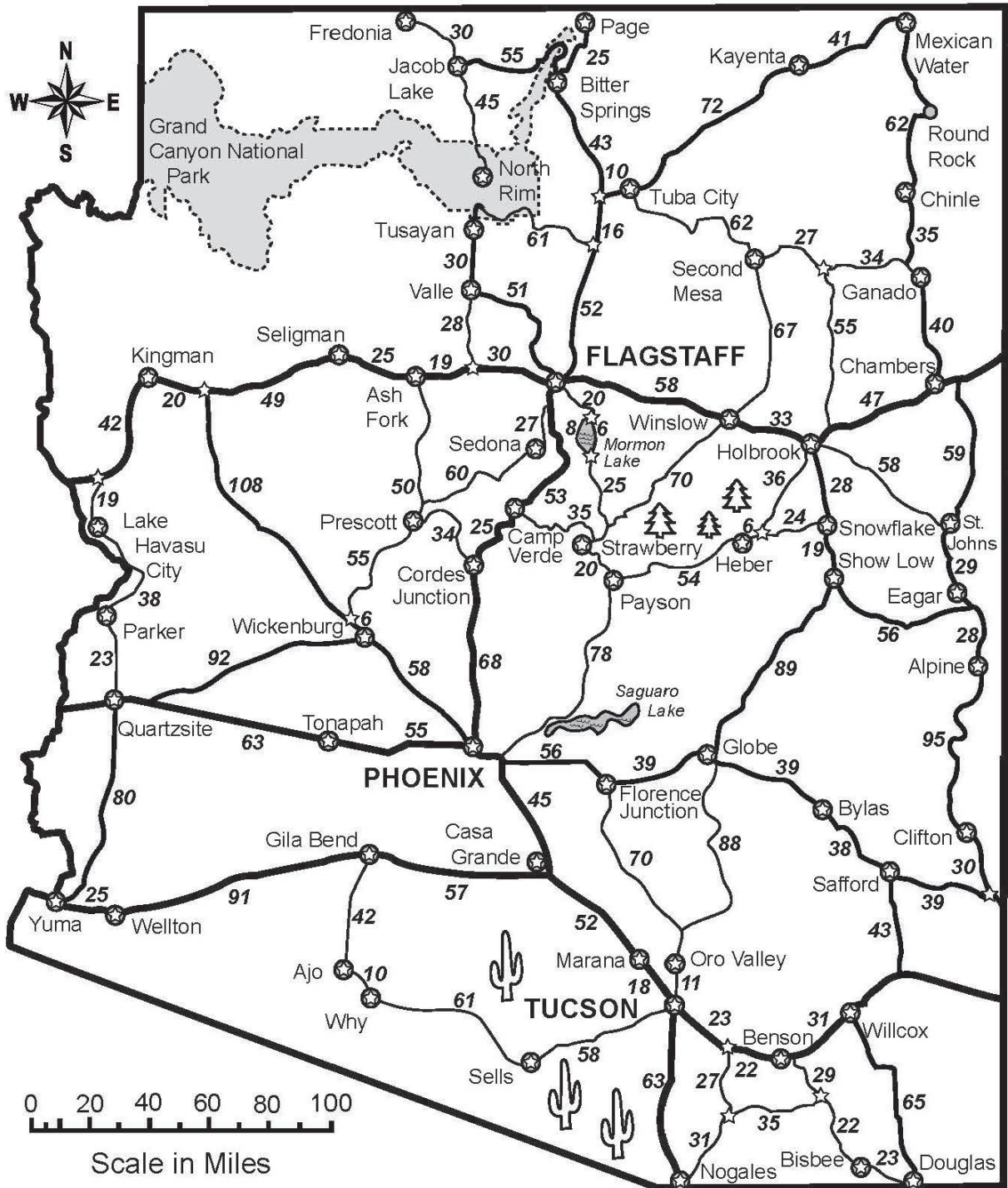
- 1) Identify the 3 regions to which Yuma, AZ, belongs. \_\_\_\_\_
- 2) Plan a road trip through AZ that allows you to visit every county. (There are 15!)
  - a. Start in Yuma and end in Kayenta.
  - b. You cannot backtrack on any road.
  - c. Trace the route in RED.

## Challenge 2

- 1) Plan a road trip through AZ that allows you to visit at least 8 Indian Reservations.
  - a. Start in Yuma and end in Kayenta.
  - b. You cannot backtrack on any road.
  - c. Trace the route in BLUE

# Regions: Political

## Arizona Roads



- Interstate Highways
- U.S. Routes
- State Routes

- City, town or place
- The number indicates the amount of miles between stars.
- This indicates that a city and a mileage marker are at the same place.

# Regions: Physical

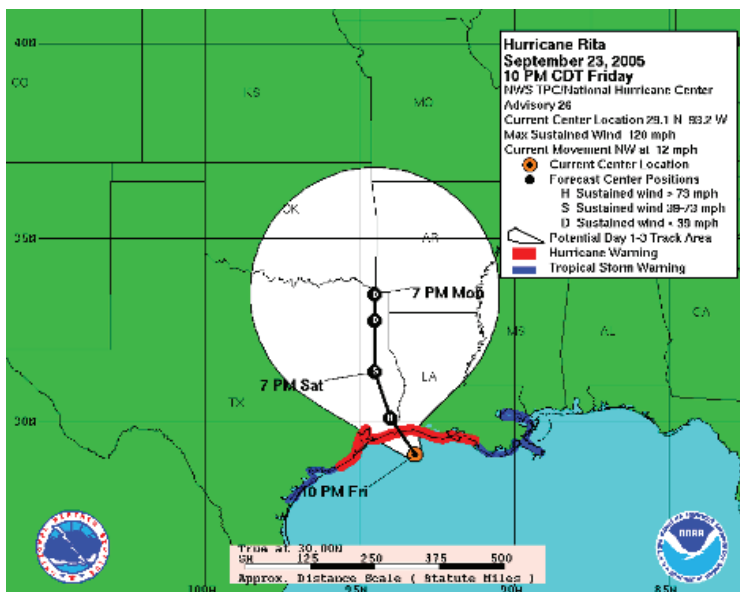
**Directions:** Read the text below and highlight information that explains the **what**, **when**, **where**, and **how** of hurricanes and other tropical storms

Hurricanes and typhoons are the same weather phenomenon called tropical cyclones. A tropical cyclone is a generic term used by meteorologists to describe a rotating, organized system of clouds and thunderstorms that originates over tropical or subtropical waters and has closed, low-level circulation.

The weakest tropical cyclones are called tropical depressions. If a depression intensifies such that its maximum sustained winds reach 39 miles per hour, the tropical cyclone becomes a tropical storm. Once a tropical cyclone reaches maximum sustained winds of 74 miles per hour or higher, it is then classified as a hurricane, typhoon, or tropical cyclone, depending upon where the storm originates in the world. In the North Atlantic, central North Pacific, and eastern North Pacific, the term hurricane is used. The same type of disturbance in the Northwest Pacific is called a typhoon. Meanwhile, in the South Pacific and Indian Ocean, the generic term tropical cyclone is used, regardless of the strength of the wind associated with the weather system.

The ingredients for tropical cyclones include a pre-existing weather disturbance, warm tropical oceans, moisture, and relatively light winds. If the right conditions persist long enough, they can combine to produce the violent winds, large waves, torrential rains, and floods we associate with this phenomenon. At times, when a weather system does not meet all of these conditions, but is forecast to bring tropical storm or hurricane force winds to land in the next day or two, it is called a potential tropical cyclone in the Atlantic basin and the central and eastern North Pacific basins.

**Directions:** Use the image of Hurricane Rita's path below to answer the following questions. The black dots indicate day/time markers for significant movement. This map predicts movement from Friday at 10 pm to Monday at 7 pm. The white bubble indicates the area in which the storm could potentially shift.



Which 2 states were issued a hurricane warning?

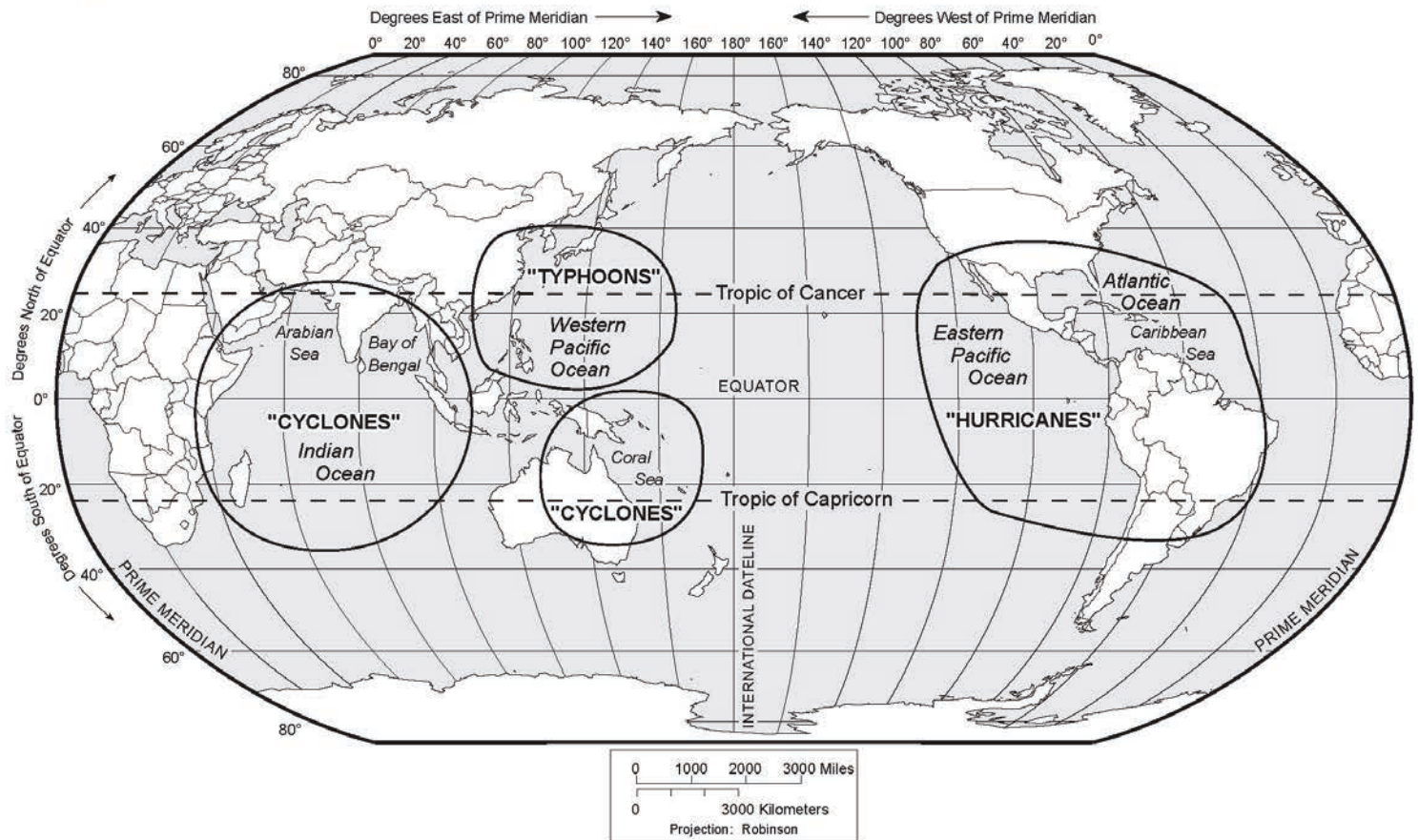
What day/time will the storm reach the border between Oklahoma (OK), Texas (TX) & Arkansas (AK)?

How many states are within the storm's potential track (white bubble)?

Approximately how far will the hurricane move between Friday and Saturday night? (Hint: use the scale bar at the bottom!)

# Regions: Physical

## Tropical Storms



**Directions:** Based upon the clues given for each tropical storm below, determine its geographic region of origin and landfall. Next classify its appropriate title: Hurricane, Cyclone, or Typhoon.

### Hurricanes, Cyclones, and Typhoons . . . Oh My!

\_\_\_\_\_ Katrina was one of the deadliest and costliest (\$108 billion in damages) storms in the history of the United States. The storm initially formed in the tropical Atlantic waters SE of the Bahamas. First landfall hit on August 25, 2005 in southern Florida as a Category 1 storm. Katrina intensified to a Category 5 storm as it stalled over the Gulf of Mexico, then slammed into Louisiana and Mississippi. Katrina's storm surge and intensive rain overwhelmed the levee system, flooding 80% of New Orleans.

\_\_\_\_\_ Haiyan (known as Yolanda in the Philippines) originated in the NW Pacific in early November 2013. The storm portions of SE Asia, particularly the central Philippines region, where it made five separate landfalls with peak wind speeds measuring between 180-195 mph. The major cause of damage and loss of life were coastal storm surges that flooded low-lying areas with some areas completely washed away. Total fatalities for Haiyan were 6,352 confirmed deaths and 1,771 missing.

\_\_\_\_\_ Nargis originated in the warm waters of the Bay of Bengal. On May 2, 2008, the storm made landfall on the SW coast of Myanmar with peak winds of 135 mph (Category 4). The storm's heavy rains and 12-foot storm surge caused widespread flooding resulting in extensive structural damage that left over one million people homeless. Although the true death toll is not known, it is estimated between 145,000 to a million people lost their lives.

# Country Cake Recipe: Template & Example

**Directions:** Have some fun creating a Country Cake Recipe using the "5 Themes of Geography." Use the Recipe Template below to research a country you are curious about. Research the blue missing pieces.  
(The C.I.A. World Factbook is a helpful website: <https://www.cia.gov/library/publications/the-world-factbook/>)

An example is given below. You will be creating your recipe card on page 15.

## Country Cake Recipe: Name of Country

Begin with (Absolute Location of the Capital: latitude and longitude)

Surround with (Relative Location: countries/bodies of water that border the country)

Add in (Physical Characteristics of Place: five physical features of the country)

Mix in (Physical Characteristic of Place: amount of rainfall per year in the capital) of rain

Slowly fold in (Movement of Goods: five major exports of your country)

Stir with a stick from (Physical or Cultural Region of your Country)

Pour into a (Physical Characteristic of Place: area of landmass of the country) sized pan

Say some magic words in (Cultural Characteristics of Place: language/s of the country)

Put in a lucky (Cultural Characteristic of Place: name of currency of the country) into the mixture

Bake at (Physical Characteristic of Place: average summer temperature of the country) until the (Cultural Characteristic of Place: form of government) is golden brown

When cool, decorate with (Cultural Characteristic of Place: colors/symbols on the flag) icing

Serve to the total (Political Regions: name of administrative divisions) within the country

Recipe will feed (Cultural Characteristics of Place: total population of country + what people are called from the country)

## Country Cake Recipe: Morocco

Begin with the capital of Rabat located at 34°N and 7°W.

Surround with Algeria, Western Sahara, Atlantic Ocean, and Mediterranean Sea.

Add in the Atlas Mountains, Sahara Desert, Rif Mountains, Draa River, and Gharb Plain.

Mix in 20.6 inches of rain.

Slowly fold in electrical machinery, vehicles, fertilizers, clothing and textiles, inorganic chemicals.

Stir with a stick from the Magreb.

Pour into a 446,300 sq km sized pan.

Say some magic words in Arabic, Berber, and French.

Put in a lucky dirham into the mixture.

Bake at 73°F until the parliamentary constitutional monarchy is golden brown.

When cool, decorate with red icing with a green star.

Serve to the total Regions within the country.

Recipe will feed 35,561,654 Moroccans.



# Country Cake Recipe

**Directions:** Have some fun creating a Country Cake Recipe using the "5 Themes of Geography."

Use the Recipe Template (on the previous page) to research a country you are curious about.

(The C.I.A. World Factbook is a helpful website: <https://www.cia.gov/library/publications/the-world-factbook/>)

Decorate the cake according to the colors/symbols of your country's flag.

Feel free to add your own pictures or designs to embellish your Country Cake Recipe.

**Country Cake Recipe:** \_\_\_\_\_

Begin with the capital of \_\_\_\_\_ located at \_\_\_\_\_ and \_\_\_\_\_.

Surround with \_\_\_\_\_.

Add in \_\_\_\_\_.

Mix in \_\_\_\_\_ of rain.

Slowly fold in \_\_\_\_\_.

Stir with a stick from \_\_\_\_\_.

Pour into a \_\_\_\_\_ sized pan.

Say some magic words in \_\_\_\_\_.

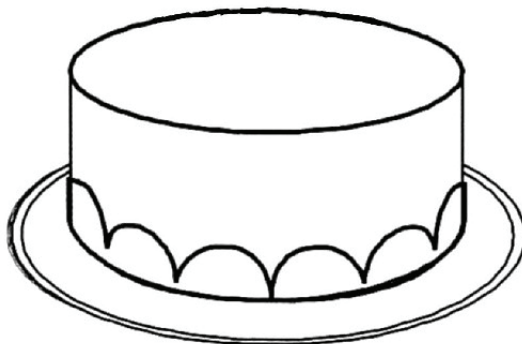
Put in a lucky \_\_\_\_\_ into the mixture.

Bake at \_\_\_\_\_ until the \_\_\_\_\_ is golden brown.

When cool, decorate with \_\_\_\_\_ icing \_\_\_\_\_.

Serve to the total \_\_\_\_\_ within the country.

Recipe will feed \_\_\_\_\_.



# Check for Understanding

**Directions:** For each of the statements below, decide which theme of geography best fits. Write the appropriate label (letter or acronym) for each theme. Hint: you will use each theme only 2 times.  
 L = Location    P = Place    M = Movement    R = Regions    HEI = Human/Environment Interaction

- \_\_\_\_\_ 1. Mexico's top exports are manufactured goods, electronics, vehicles, auto parts, and oil.
- \_\_\_\_\_ 2. Top London attractions are the "Changing of the Guard" at Buckingham Palace, the crown jewels at the Tower of London, and the Tower Bridge across the River Thames.
- \_\_\_\_\_ 3. Geothermal energy has been harnessed by humans to heat buildings and to generate electricity.
- \_\_\_\_\_ 4. On the southern fringes of the Sahara Desert lies the Sahel, a semi-arid transition zone characterized by pastoral grasslands, thorny shrubs, scattered trees, and a flat terrain.
- \_\_\_\_\_ 5. Let's meet at the east mall entrance, in front of the Macy's Department Store.
- \_\_\_\_\_ 6. As of July 2020, approximately 5.6 million refugees have fled Syria due to civil war.
- \_\_\_\_\_ 7. The Mormon Corridor, an area stretching northward and southward from Utah in the western United States, is characterized by settlement patterns and religious traditions of the Church of Jesus Christ of Latter-day Saints.
- \_\_\_\_\_ 8. The White House address is 1600 Pennsylvania Avenue NW, Washington, DC, 20500.
- \_\_\_\_\_ 9. In Beijing, one of China's most heavily polluted cities, vehicle emissions caused 45% of the city's smog in 2017.
- \_\_\_\_\_ 10. Hawaii Volcanoes National Park is home to Kilauea, one of the world's most active volcanoes.

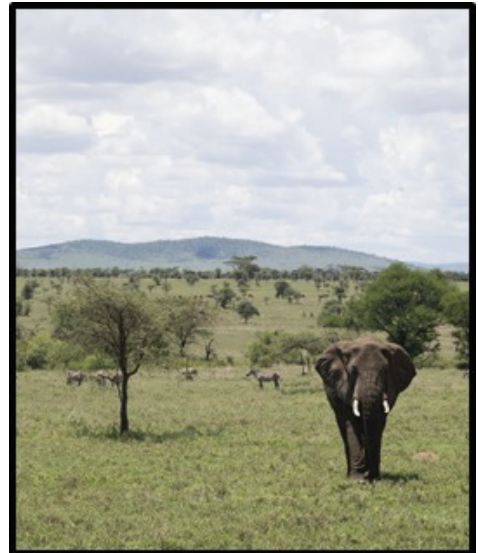
**Directions:** Study the photographs below to decide which theme of geography is best illustrated. Write the theme, then your explanation for your choice.

**Photo A**



Theme: \_\_\_\_\_  
 Explanation: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Photo B**



Theme: \_\_\_\_\_  
 Explanation: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# Answer Key

**Page 1** Answers will vary

**Page 2** Geography Rocks  
(Harrisburg, Tallahassee, Sacramento, Lansing, Denver, Atlanta, Phoenix, Helena, Albany, Raleigh, Olympia, Columbus, Little Rock, Salem)

**Page 3** City #1 Quito;  
City #2 Santiago;  
City #3 Paramaribo;  
City #4 Bogota;  
City #5 La Paz;  
City #6 Asuncion;  
Riddle #1 Paramaribo, it has three A's & one B;  
Riddle #2 It took Cayenne for its capital;  
Riddle #3 Brazil

**Page 4** Answers will vary

**Page 5** Answers will vary

**Page 6** Answers will vary: Possible "I See" could be a wider road in the picture on the left. Possible "I Think" could be that there are more people living in this town. Possible "I Wonder" could be if the road will get wider in another 50 years.

**Page 7** Answers will vary: Possible Sahara Prediction could be wearing white/light colored clothes help keep a person feeling cool. Possible Lapland Prediction could be traveling by sled is faster and safer than other vehicles

**Page 8** Answers will vary: Possible "Pull Factors" could be moving to an area for better job opportunities, or to be closer to family or better services such as medical or education, or to relocate to a better climate. Possible "Push Factors" could be to escape from persecution, war, or extreme violence or to due to destruction of one's home due to a natural disaster, or due to unsustainable living conditions due to pollution or climate change or due to rising economic costs that one can no longer afford.

**Page 9** Answers will vary

**Page 10** Yuma, AZ belongs to: Desert Region, Yuma County, and State of Arizona

**Page 11** Challenge 1: Red Route should connect Yuma to Kayenta AND travel through all 15 counties.  
Challenge 2: Blue Route should connect Yuma to Kayenta AND travel through at least 8 Indian Reservations.

**Page 12** TX & LA  
Monday, 7 pm  
6 states  
About 175 mi

**Page 13** Hurricane Katrina, Typhoon Huiyan, Cyclone Nargis

**Page 15** Answers will vary depending upon the country selected

**Page 16** 1) M - Movement of Goods  
2) P - Physical & Cultural Characteristics of Place  
3) HEI - Humans Adapt to Environment  
4) R - Physical Region  
5) L - Relative Location  
6) M - Movement of People  
7) R - Cultural Region  
8) L - Absolute Location  
9) HEI - Humans Modify the Environment  
10) P - Physical Characteristics of Place

Photo A - Human Environment Interaction: Humans Modified the Environment by building settlements  
Photo B - Place OR Regions: Physical Characteristics (wildlife & vegetation) of the Serengeti savanna

