

Example of Brainstorm Ideas for 3 Maps for Venn Diagram

Arizona Cities with Compass Rose

city names

title

scale

longitude and latitude measures

symbols

compass rose

cartographer

Arizona's Topography and Rivers

city names

color/shading

scale

title

longitude and latitude

rivers

symbols

elevation

cartographer

Landform Regions of Arizona

city names

title

landforms

rivers

longitude and latitude

symbols

scale

cartographer

Name _____

Arizona Cities Map--Measuring Distances

Using the scale on the Arizona Cities Map, measure the distances in **miles** between the following cities. Measure from the center of the triangles that represent the cities given.

1. St. Johns to Winslow

2. Casa Grande to Ajo

3. Quartzsite to Yuma

4. Tucson to Tombstone

5. Globe to Payson

6. Tombstone to Douglas

7. Flagstaff to Page

BONUS:

If I traveled directly from Phoenix to Payson to Winslow to Page, how many miles have I traveled?

Arizona Cities Map--Measuring Distances **Answer Key**

Measure the distances in miles:

1. St. John's to Winslow

85 miles

2. Casa Grande to Ajo

75 miles

3. Quartzsite to Yuma

75 miles

4. Tucson to Tombstone

70 miles

5. Globe to Payson

80 miles

6. Tombstone to Douglas

30 miles

7. Flagstaff to Page

120 miles

BONUS:

If I traveled directly from Phoenix to Payson to Winslow to Page, how many miles have I traveled?

270 miles

Name _____

Arizona Cities Map—Determining Directions

Using the Arizona Cities with Compass Rose map, decide the direction you will go as you travel to each city. Write the direction next to the city. Take the most direct route to each city listed.

In which direction are you headed when traveling through these cities:

1. Willcox to Safford _____

2. Safford to Globe _____

3. Globe to Payson _____

4. Payson to Page _____

5. Kingman to Page _____

6. Page to St. Johns _____

7. St. John's to Prescott _____

8. Prescott to Lake Havasu City _____

9. Lake Havasu City to Gila Bend _____

10. I am in Morenci. If I travel north, to what city will I come?

11. I am in Yuma and traveling northeast. Name three cities through which I might drive.

Arizona Cities Map—Determining Directions **Answer Key**

Using the Arizona Cities with Compass Rose map, decide the direction you will go as you travel to each city. Write the direction next to the city. Take the most direct route to each city listed.

In which direction are you headed when traveling through these cities:

1. Willcox to Safford **N**

2. Safford to Globe **NW**

3. Globe to Payson **NW**

4. Payson to Page **N**

5. Kingman to Page **NE**

6. Page to St. Johns **SE**

7. St. John's to Prescott **W**

8. Prescott to Lake Havasu City **W**

9. Lake Havasu City to Gila Bend **SE**

10. I am in Morenci. If I travel north, to what city will I come? **St. Johns**

I am in Yuma and traveling northeast. Name three cities through which I might drive.

Possible answers: **Quartzsite, Gila Bend, Phoenix, Payson**

Name _____

Arizona's Topography and Rivers Map—Determining Elevation

Use the Arizona's Topography and Rivers map to determine the elevation of the following cities.

1. What is the elevation in Flagstaff?
2. What is the elevation in Yuma?
3. What is the elevation in Tucson?
4. What is the elevation in Phoenix?
5. What is the elevation surrounding the Gila River from Yuma to Phoenix?

Arizona's Topography and Rivers Map—Determining Elevation **Answer Key**

1. What is the elevation in Flagstaff?

5000-8000 ft.

2. What is the elevation in Yuma?

0-1000 ft.

3. What is the elevation in Tucson?

1000-5000 ft.

4. What is the elevation in Phoenix?

1000-5000ft.

5. What is the elevation surrounding the Gila River from Yuma to Phoenix?

0-1000 ft.

Name _____

Map Reading Assessment

Using the Arizona's Cities with Latitude and Longitude map (no compass rose) complete the following questions:

1. Which city is northeast of Phoenix?
 - a. Tucson
 - b. Kingman
 - c. Winslow

2. Which city is southwest of Payson?
 - a. St. John's
 - b. Quartzsite
 - c. Safford

3. Which city is northwest of Casa Grande?
 - a. Lake Havasu City
 - b. Page
 - c. Ajo

4. If I travel from Ajo to Globe, what direction will I go?
 - a. southeast
 - b. northeast
 - c. northwest

5. What direction will I travel to go from Willcox to Nogales?
 - a. southeast
 - b. northeast
 - c. southwest

6. What direction will I travel to go from St John's to Prescott?
 - a. west
 - b. east
 - c. southeast

7. What city is about 100 miles north of Tombstone?
 - a. Globe
 - b. Morenci
 - c. St. John's

8. What city is about 120 miles northwest of Ajo?
 - a. Quartzsite
 - b. Yuma
 - c. Nogales

Map Reading Assessment **Answer Key**

1. Which city is northeast of Phoenix?
c. Winslow
2. Which city is southwest of Payson?
b. Quartzsite
3. Which city is northwest of Casa Grande?
a. Lake Havasu City
4. If I travel from Ajo to Globe, what direction will I go?
b. northeast
5. What direction will I travel to go from Willcox to Nogales?
c. southwest
6. What direction will I travel to go from St John's to Prescott?
a. west
7. What city is about 100 miles north of Tombstone?
c. Morenci
8. What city is about 120 miles northwest of Ajo?
a. Quartzsite