Tooling Around Arizona

Use Arizona Cities Map (with or without compass rose)

Measuring Distances

Directions: Using the scale on the Arizona Cities Map, measure the distances between the following cities. Measure from the center of the triangle that represents the city listed.

Measure the distances in miles:

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

Measure the distances in kilometers:

8. Phoenix to Casa Grande
9. Flagstaff to Winslow
10. Flagstaff to Cottonwood

11. Ajo to Gila Bend

12. Safford to Morenci

13. Yuma to Quartzsite

BONUS:

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

If I travel from Lake Havasu City to Quartzsite to Gila Bend to Tucson to Tombstone, how many kilometers have I traveled?
Tooling Around Arizona
Use Arizona Cities Map (with or without compass rose)
Measuring Distances
Answer Key

Directions: Using the scale on the Arizona Cities map, measure the distances between the following cities. Measure from the center of the triangle that represents the city listed.

Measure the distances in miles:

1. St. Johns 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

Measure the distances in kilometers:

8. Phoenix to Casa Grande
   70 km.

9. Flagstaff to Winslow
   90 km.

10. Flagstaff to Cottonwood
    70 km.
11. Ajo to Gila Bend
   80 km.

12. Safford to Morenci
   40 km.

13. Yuma to Quartzsite
   120 km.

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

270 miles

If I travel from Lake Havasu City to Quartzsite to Gila Bend to Tucson to Tombstone, how many kilometers have I traveled?

480 km.
Tooling Around Arizona
Use Arizona Cities Map (with or without compass rose)
Determining Directions

Using the Arizona Cities 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.

1. In which direction are you headed when traveling between these cities:
   Willcox to Safford
   Safford to Globe
   Globe to Payson
   Payson to Page

2. In which direction are you headed when traveling between these cities:
   Kingman to Page
   Page to St. Johns
   St. Johns to Prescott
   Prescott to Lake Havasu City
   Lake Havasu City to Gila Bend
3. In which direction are you headed when traveling between these cities:

- Tucson to Nogales
- Nogales to Tombstone
- Tombstone to Willcox
- Willcox to Gila Bend
- Gila Bend to Kingman
- Kingman to Prescott

4. In which direction are you headed when traveling between these cities:

- Casa Grande to Safford
- Safford to Morenci
- Morenci to St. Johns
- St. Johns to Lake Havasu City
- Lake Havasu City to Yuma

Using the Arizona Cities With a Compass Rose map, complete the following:

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

6. I am in Yuma and traveling northeast. Name three cities through which I might drive.
7. Name the first city in which I could stop if I followed these directions:

I start in Kingman and travel east
then southwest
then south
then southeast
then southwest

8. Name the first city in which I could stop if I followed these directions:

I start in Douglas and travel West
then northwest
then northeast
then north
then east

9. Name the first city in which I could stop if I followed these directions:

I start in Globe and travel northeast
then northwest
then southwest
then southwest
then south
Tooling Around Arizona
Use Arizona Cities Map (with or without compass rose)
Determining Directions

Answer Key

Using the Arizona Cities 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.

1. In which direction are you headed when traveling between these cities:

   Willcox to Safford
   Safford to Globe
   Globe to Payson
   Payson to Page

   __ N ____________
   ______ NW ____________
   ______ NW ____________
   ______ N ____________

2. In which direction are you headed when traveling between these cities:

   Kingman to Page
   Page to St. Johns
   St. Johns to Prescott
   Prescott to Lake Havasu City
   Lake Havasu City to Gila Bend

   ______ NE ____________
   ______ SE ____________
   ______ W ____________
   ______ W ____________
   ______ SE ____________
3. In which direction are you headed when traveling between these cities:

Tucson to Nogales  
Nogales to Tombstone  
Tombstone to Willcox  
Willcox to Gila Bend  
Gila Bend to Kingman  
Kingman to Prescott

4. In which direction are you headed when traveling between these cities:

Casa Grande to Safford  
Safford to Morenci  
Morenci to St. Johns  
St. Johns to Lake Havasu City  
Lake Havasu City to Yuma

Using the Arizona Cities With a Compass Rose map, complete the following:

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

6. I am in Yuma and traveling northeast. Name three cities through which I might drive.  
   Possible answers: Quartzsite, Gila Bend, Phoenix, Payson
7. Name the first city in which I could stop if I followed these directions:

I start in Kingman and travel east  \( \text{Flagstaff} \)
then southwest  \( \text{Cottonwood} \)
then south  \( \text{Phoenix} \)
then southeast  \( \text{Casa Grande} \)
then southwest  \( \text{Ajo} \)

8. Name the first city in which I could stop if I followed these directions:

I start in Douglas and travel West  \( \text{Nogales} \)
then northwest  \( \text{Ajo} \)
then northeast  \( \text{Casa Grande} \)
then north  \( \text{Phoenix} \)
then east  \( \text{Globe} \)

9. Name the first city in which I could stop if I followed these directions:

I start in Globe and travel northeast  \( \text{St. Johns} \)
then northwest  \( \text{Winslow} \)
then southwest  \( \text{Cottonwood} \)
then southwest  \( \text{Prescott} \)
then south  \( \text{Gila Bend} \)
Tooling Around Arizona
Elevation
Use Arizona Topography and Rivers Map

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?

How does the elevation change from:

6. Yuma to Flagstaff?

7. Tucson to Yuma?

8. Phoenix to Tucson?

9. Phoenix to Flagstaff?
Arizona Elevation Worksheet Answer Key
Use Arizona Topography and Rivers Map

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?
   1000-5000 ft.

5. What is the elevation surrounding the Gila River from Yuma to Phoenix?
   0-1000 ft.

How does the elevation change from:

6. Yuma to Flagstaff?
   Flagstaff is higher.

7. Tucson to Yuma?
   Yuma is lower.

8. Phoenix to Tucson?
   They are the same.

9. Phoenix to Flagstaff?
   Flagstaff is higher.
1. Match the picture to the word:

- City
- Map
- River
- Compass Rose

2. Name one city east of Phoenix.

3. Name the city north of Flagstaff.

4. Draw a map of Arizona. Make sure you include the outline of the state, 1 river, and 3 cities.
1. Match the picture to the word:

- City 1 pt
- Map 1 pt
- River 1 pt
- Compass Rose 1 pt

2. Name one city east of Phoenix. 1 pt
   - Globe, Morenci, Safford, Willcox, Tombstone, Tucson, Nogales, Douglas, Casa Grande, Payson, Sedona, Flagstaff or Page

3. Name the city north of Flagstaff. 1 pt   Page

4. Does drawing contain outline (1 pt), 1 river (1 pt), and 3 cities of Arizona (3 pts)? As long as the locations on the map are close, give the student points for each of the sections.
Name______________________________

**Tooling Around Arizona Assessment**

1. Name one city east of Phoenix.

2. Name the city north of Flagstaff.

3. Yuma is ______ of Phoenix?
   a. north
   b. south
   c. west

4. What city is about 100 miles north of Tombstone?
   a. Globe
   b. Morenci
   c. St. John’s

*Use the Arizona Topography and Rivers Map to answer the following question:*

5. What is the elevation of Tucson?
   a. 0 - 1000
   b. 1000 - 5000
   c. 5000 - 8000

Now help create 3 questions for other students.

1. Name a city _______ of _______.

2. What city is about _______ miles south of _______?

3. If I travel from _______ to _______, what direction will I go?
Tooling Around Arizona Assessment

1. Name one city east of Phoenix. 1 pt
   Globe, Morenci, Safford, Willcox, Tombstone, Tucson, Nogales, Douglas, Casa Grande, Payson, Sedona, Flagstaff or Page

2. Name the city north of Flagstaff. 1 pt
   Page

3. Yuma is ______ of Phoenix? 1 pt
   c. west

4. What city is about 100 miles north of Tombstone? 1 pt
   b. Morenci

Use the Arizona Topography and Rivers Map to answer the following question:

5. What is the elevation of Tucson? 1 pt
   a. 0 - 1000
   b. 1000 - 5000
   c. 5000 - 8000

Now create 3 questions for other students. 3 pts

1. Name a city ______ of ______.

2. What city is about ______ miles south of ______?

3. If I travel from ______ to ______, what direction will I go?
Name__________________________________________

**Tooling Around Arizona Assessment**

1. Name one city east of Phoenix.

2. Name the city north of Flagstaff.

3. Yuma is ______ of Phoenix?
   a. north
   b. south
   c. west

4. What city is about 100 miles north of Tombstone?
   a. Globe
   b. Morenci
   c. St. John’s

*Use the Arizona Topography and Rivers Map to answer the following question:*

5. What is the elevation of Tucson?
   a. 0 - 1000
   b. 1000 - 5000
   c. 5000 - 8000

Now create 3 questions for other students in the class. You may ask about distance, direction, elevation, or any other type of question listed on your worksheets.

1.

2.

3.
Tooling Around Arizona Assessment Answer Key

1. Name one city east of Phoenix. 1 pt

Globe, Morenci, Safford, Willcox, Tombstone, Tucson, Nogales, Douglas, Casa Grande, Payson, Sedona, Flagstaff or Page

2. Name the city north of Flagstaff. 1 pt
Page

3. Yuma is _____ of Phoenix? 1 pt
   c. west

4. What city is about 100 miles north of Tombstone? 1 pt
   b. Morenci

Use the Arizona Topography and Rivers Map to answer the following question:

5. What is the elevation of Tucson? 1 pt
   a. 0 - 1000
   b. 1000 - 5000
   c. 5000 - 8000

Now create 3 questions for other students in the class. You may ask about distance, direction, elevation, or any other type of question listed on your worksheets.

1. 1 pt

2. 1 pt

3. 1 pt
Tooling Around Arizona Assessment

Using the Arizona Cities Map (with or without the 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 Johns 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

9. What city is about 260 km. Southeast of Winslow?
   a. Globe
   b. Phoenix
   c. Morenci

Use the Arizona Topography and Rivers Map to answer the following question:

10. What is the elevation of Tucson?
    a. 0 - 1000
    b. 1000 - 5000
    c. 5000 - 8000

Now create 3 questions for other students in the class. You may ask about distance, direction, elevation, or any other type of question listed on your worksheets.

1.

2.

3.
Tooling Around Arizona Assessment Answer Key

Using the Arizona Cities Map (with or without the compass rose), complete the following questions:

1. Which city is northeast of Phoenix? 1 pt
   
   c. Winslow

2. Which city is southwest of Payson? 1 pt
   
   b. Quartzsite

3. Which city is northwest of Casa Grande? 1 pt
   
   a. Lake Havasu City

4. If I travel from Ajo to Globe, what direction will I go? 1 pt
   
   b. northeast

5. What direction will I travel to go from Willcox to Nogales? 1 pt
   
   c. southwest

6. What direction will I travel to go from St Johns to Prescott? 1 pt
   
   a. west

7. What city is about 100 miles north of Tombstone? 1 pt
   
   c. Morenci
8. What city is about 120 miles northwest of Ajo? 1 pt
   a. Quartzsite

9. What city is about 260 km. Southeast of Winslow? 1 pt
   c. Morenci

Use the Arizona Topography and Rivers Map to answer the following question:

10. What is the elevation of Tucson? 1 pt
    b. 1000 - 5000

Now create 3 questions for other students in the class. You may ask about distance, direction, elevation, or any other type of question listed on your worksheets.

1. 1 pt

2. 1 pt

3. 1 pt