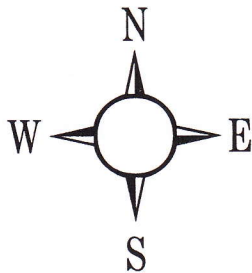


North, South, East, West and Points In-Between

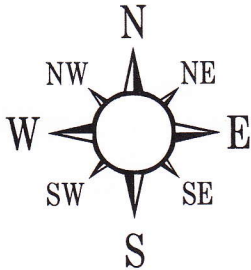
When you face the sun as it rises, you are facing EAST. When you face the sun as it sets, you are facing WEST. Look at the compass below. Imagine standing at the center of the compass with your right hand pointing east. You would be facing NORTH. SOUTH would be behind you.

North, south, east and west are the four main directions we use.

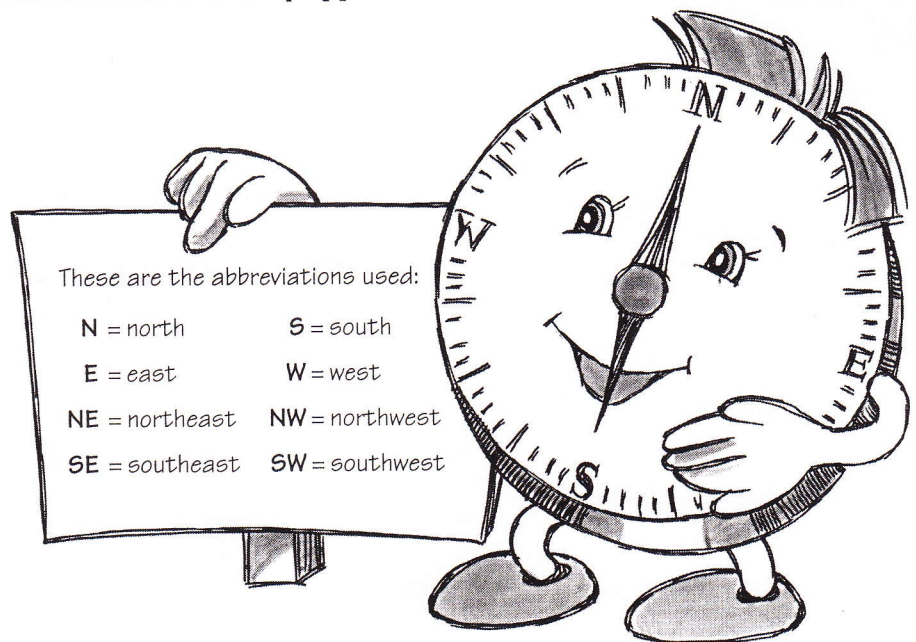


1. If you are facing west, what direction is to your right? _____
2. If you are facing south, what direction is to your left? _____
3. If you are facing north, what direction is behind you? _____
4. If you are facing south, what direction is to your right? _____

Besides north, south, east and west, there are also in-between directions, called intermediate directions. The point between north and east is called northeast. Look at the compass below to learn the names of the other in-between directions.



- A. What direction is halfway between east and south? _____
- B. What direction is halfway between north and west? _____
- C. What direction is halfway between south and west? _____
- D. What direction is exactly opposite southeast? _____



These are the abbreviations used:

- | | |
|----------------|----------------|
| N = north | S = south |
| E = east | W = west |
| NE = northeast | NW = northwest |
| SE = southeast | SW = southwest |

Which Way from Omaha?

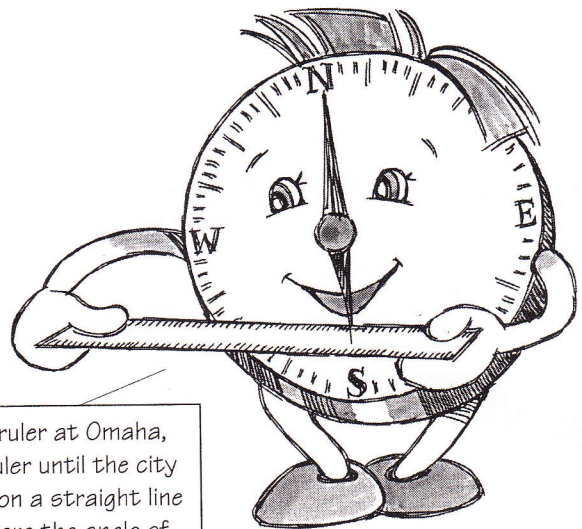
Most maps use some type of symbol to show directions. North is usually at the top of the map. Always look for the directional sign first when studying a map.

If you were in Omaha, Nebraska, which way would you go to get to the cities listed below? Use a United States map from an atlas or encyclopedia to locate the cities. Be sure to check the directional sign so you know which way is north.

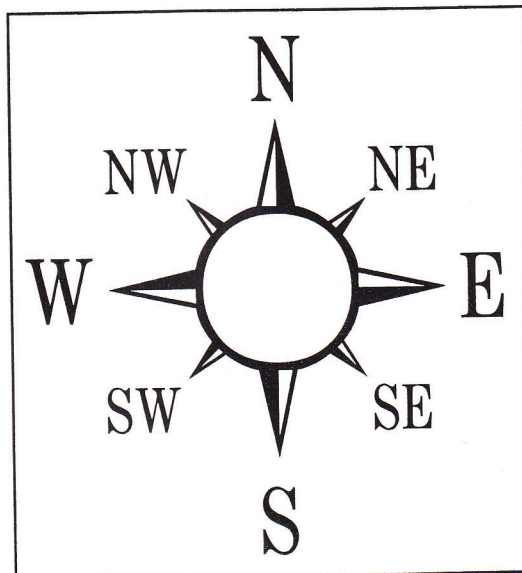
Write the direction you would travel to get from Omaha to each city listed. Use these abbreviations:

N = north	S = south
E = east	W = west
NE = northeast	NW = northwest
SE = southeast	SW = southwest

1. ____ Chicago, Illinois
2. ____ Miami, Florida
3. ____ Denver, Colorado
4. ____ Baton Rouge, Louisiana
5. ____ San Francisco, California
6. ____ Washington, D.C.
7. ____ Boston, Massachusetts
8. ____ Fargo, North Dakota
9. ____ Seattle, Washington
10. ____ Charleston, South Carolina
11. ____ Portland, Maine
12. ____ Baltimore, Maryland
13. ____ Corpus Christi, Texas
14. ____ Dallas, Texas
15. ____ Phoenix, Arizona
16. ____ Montgomery, Alabama
17. ____ Santa Fe, New Mexico
18. ____ Savannah, Georgia
19. ____ Helena, Montana
20. ____ Lincoln, Nebraska



Tip: Put one end of a ruler at Omaha, Nebraska. Move the ruler until the city you want to locate is on a straight line along the ruler. Compare the angle of the ruler to the eight compass points shown on the compass.

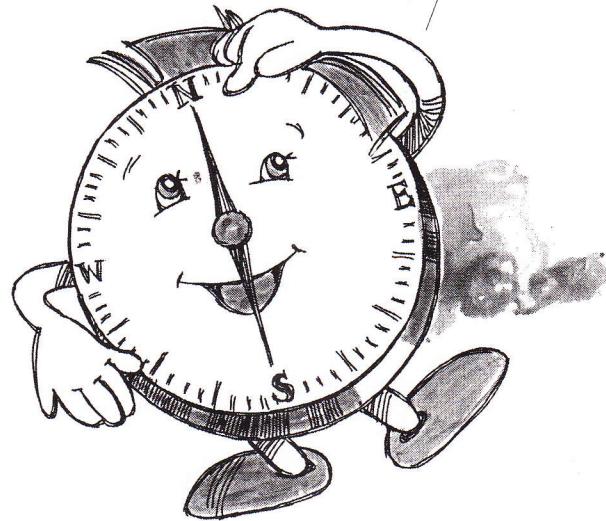


Which Way to El Dorado?

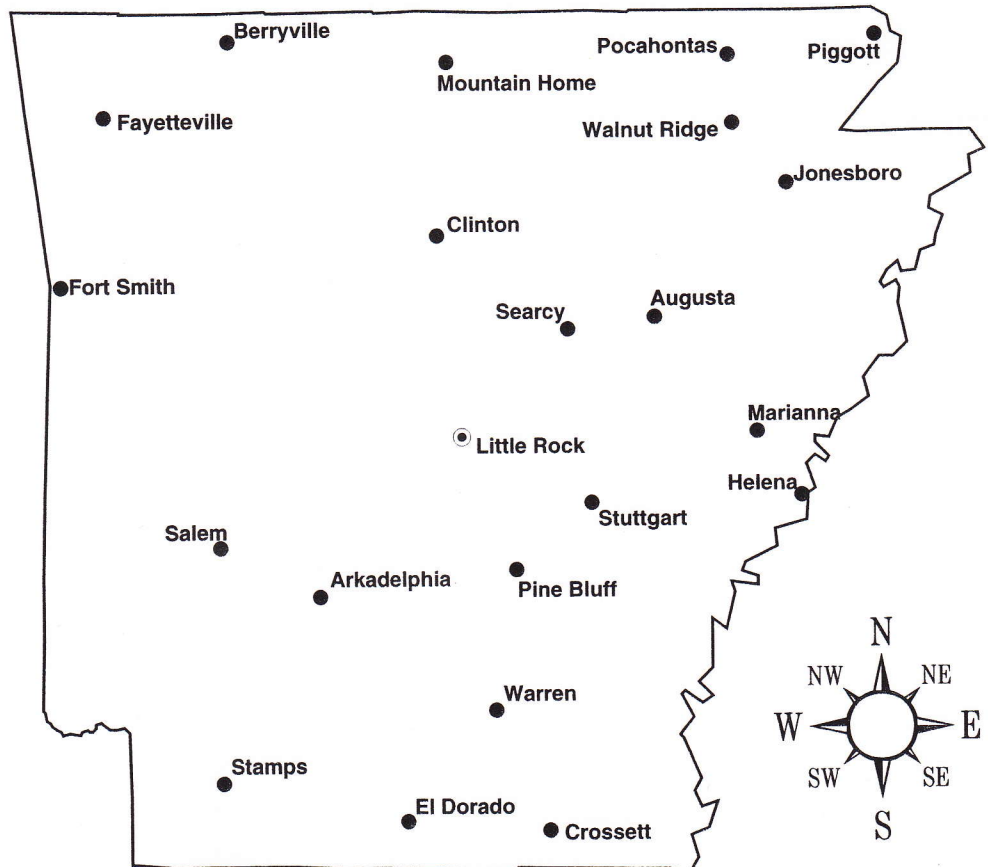
If you were in Little Rock, Arkansas, which way would you go to get to the cities listed below? Write the direction you would travel to get from Little Rock to each city listed. Use these abbreviations:

Arkansas has places named Airport, Bald Knob, Bloomer, Bullfrog Valley, Coal Hill, Coy, England, Grubbs, Huff, Rover, Success and Tulip.

N = north	S = south
E = east	W = west
NE = northeast	NW = northwest
SE = southeast	SW = southwest



1. ____ El Dorado
2. ____ Fort Smith
3. ____ Fayetteville
4. ____ Augusta
5. ____ Stuttgart
6. ____ Mountain Home
7. ____ Piggot
8. ____ Pocahontas
9. ____ Berryville
10. ____ Walnut Ridge
11. ____ Jonesboro
12. ____ Mariana
13. ____ Warren
14. ____ Arkadelphia
15. ____ Clinton
16. ____ Searcy
17. ____ Helena
18. ____ Salem
19. ____ Crossett
20. ____ Stamps

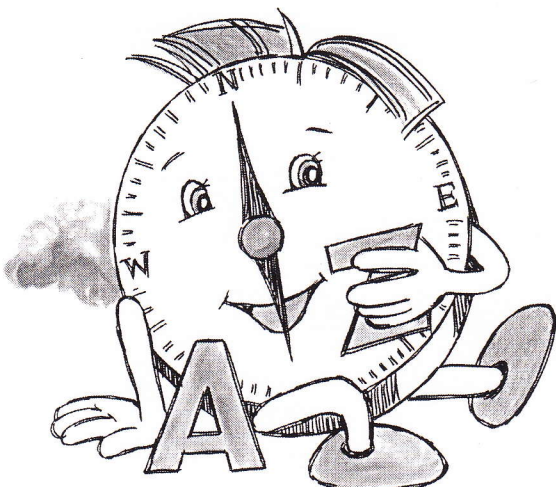
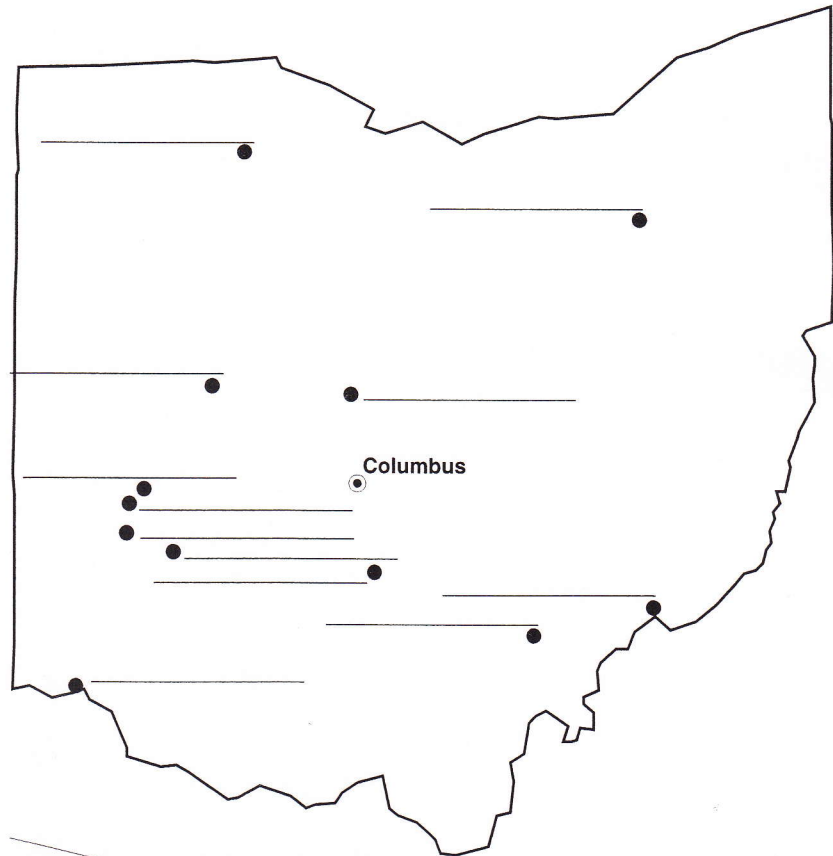
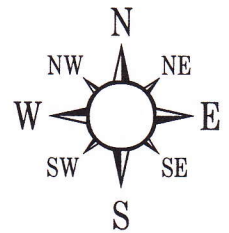


X Marks the Spot

Follow the directions below to discover the location of the mystery city. Use an Ohio state map from an atlas to find your way around the map below. Write the names of the cities shown in bold letters on the blanks on the map as you find them.

1. Starting in Columbus, Ohio, go south to **Circleville**.
2. From Circleville, go southwest to **Cincinnati**.
3. From Cincinnati, it's only a short hop north to **Dayton**.
4. Continue heading north to **Vandalia** and then to **Troy**.
5. Now go northeast to **Delaware** (the city, not the state).
6. From Delaware, head northeast again to **Akron**.
7. After a short stay in Akron, go south to **Marietta**, then west to **Athens**.
8. Now take a long trip northwest to **Bowling Green**.
9. You're almost to the end of your journey. Head south to **Bellefontaine**.
10. Finally, you're ready for the last stop. Head south to a city that begins with X. Make an X on the map to mark the spot.

What is the name of the city you found? _____



Ohio has cities and towns that begin with every letter of the alphabet—even J, Q, X and Z.