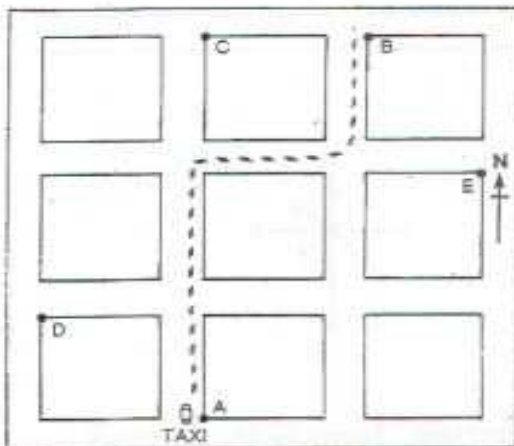


Geolab

DIRECTION ON MAPS

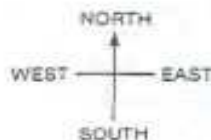
A taxi driver asks you how to get to B on the map of the city streets below. You are standing at A.



Your answer to the taxi driver might be "Go up the street two blocks, turn right, then first left." This route is shown in red.

By using compass directions you would say, "Drive north two blocks, east one block, and then north one block."

GEOLAB EXERCISE



1. Study the following compass directions.

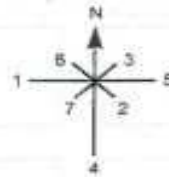
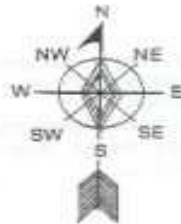
- If you were facing north which direction would be on your right? _____
- If your back was to the east which direction would be to your left? _____

2. Write the instructions, using the map of city streets above, to go from

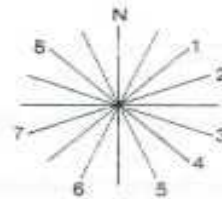
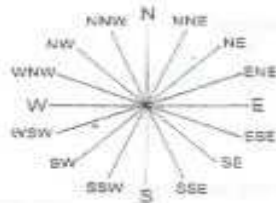
- A to C _____
- C to A _____
- A to D _____
- E to A _____
- D to E _____

3. Compass directions are shown on a compass rose. On some maps the compass rose is very fancy while on others it is simple. Identify the numbered directions on the simple compass rose.

1. _____ 2. _____ 3. _____
 4. _____ 5. _____ 6. _____
 7. _____



4. A true compass rose has 16 standard directions. Identify the numbers 1 to 8 by placing the direction on the compass rose.



5. Name the opposite direction for each of the following compass points.

A. southwest (SW) _____
 B. north northwest (NNW) _____
 C. east southeast (ESE) _____
 D. north northeast (NNE) _____

6. Name the compass direction midway between the following points. (Remember to read the compass in a clockwise direction)

a. N and S _____
 b. S and N _____
 c. SW and NW _____
 d. SSW and WSW _____