

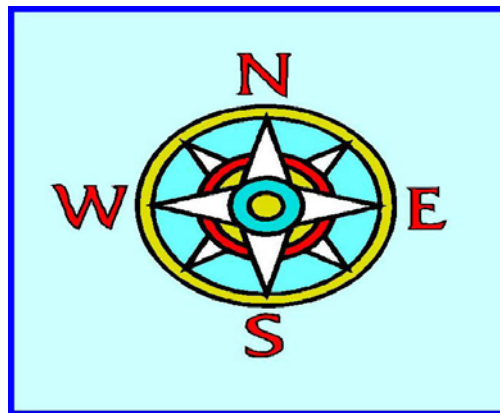
Direction on a Map



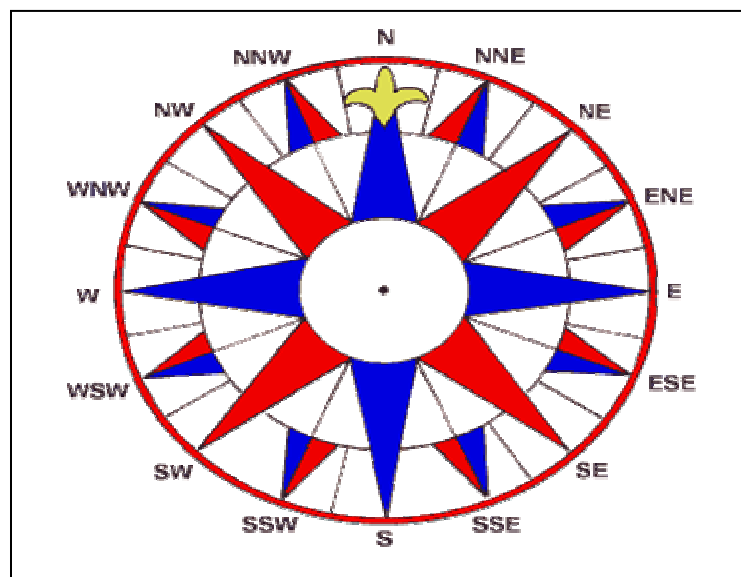
Compass: A method of finding direction

Compass Rose

- In the shape of a circle (360°)
- Used to indicate direction on a map
- The **4 CARDINAL POINTS** are: North, East, South, West



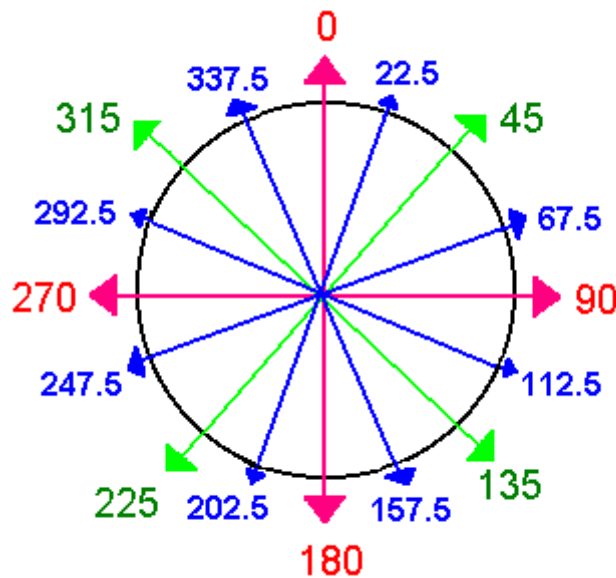
- The **12 ORDINAL POINTS** are: NE, SE, SW, SE, NNE, ENE, ESE, SSE, SSW, WSW, WNW, NNW



Direction on a Map



1. On the compass rose below label the 4 ordinal points and 12 cardinal points at the appropriate degrees.



2. Answer the following questions using the compass rose.

a) 90 from N is:	e) between N and NW is:
b) 45 from E is :	f) between S and SE is:
c) 180 from NE is:	g) between NE and SW is:
d) 45 from SW is:	h) between SW and NE is:

3. State the compass direction midway between the following points.

a) N and S	d) SSW and WSW
b) S and N	e) N and SW
c) SW and NW	f) WSW and SSW

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

a) Southwest (SW)	d) West (W)
b) North northwest (NNW)	e) North northeast (NNE)
c) East southeast (ESE)	f) South (S)

5. In what direction are you traveling when flying from:

a) Toronto to Montreal:	e) Saskatoon to Regina:
b) Vancouver to Victoria:	f) Regina to Winnipeg:
c) Victoria to Iqaliut:	g) St. John's to Halifax:
d) Yellowknife to Victoria:	h) Sudbury to Thunder Bay:

6. Describe the location of each city within its province following the example given (e.g. **Vancouver**: Vancouver is located in the southwest corner of British Columbia).

a) Winnipeg:
b) Thunder Bay:
c) Edmonton:
d) St. John's:
e) Regina:

7. Describe the location of each city using nearby features as a reference (e.g. **Toronto**: Toronto is located on the northwest shore of Lake Ontario).

a) Hamilton:
b) Calgary:
c) Halifax:
d) Quebec:
e) Yellowknife:
f) Churchill