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

![Compass Rose](image)

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

![Compass Rose](image)
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.

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<tbody>
<tr>
<td>a)</td>
<td>Southwest (SW)</td>
<td>d)</td>
<td>West (W)</td>
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<tr>
<td>b)</td>
<td>North northwest (NNW)</td>
<td>e)</td>
<td>North northeast (NNE)</td>
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<tr>
<td>c)</td>
<td>East southeast (ESE)</td>
<td>f)</td>
<td>South (S)</td>
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5. In what direction are you traveling when flying from:

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<tbody>
<tr>
<td>a)</td>
<td>Toronto to Montreal:</td>
<td>e)</td>
<td>Saskatoon to Regina:</td>
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<tr>
<td>b)</td>
<td>Vancouver to Victoria:</td>
<td>f)</td>
<td>Regina to Winnipeg:</td>
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<td>c)</td>
<td>Victoria to Iqaliut:</td>
<td>g)</td>
<td>St. John’s to Halifax:</td>
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<tr>
<td>d)</td>
<td>Yellowknife to Victoria:</td>
<td>h)</td>
<td>Sudbury to Thunder Bay:</td>
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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).

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<td>Edmonton:</td>
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<td>St. John’s:</td>
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<td>e)</td>
<td>Regina:</td>
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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).

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<td>Calgary:</td>
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<td>c)</td>
<td>Halifax:</td>
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<td>d)</td>
<td>Quebec:</td>
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<td>e)</td>
<td>Yellowknife:</td>
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<td>f)</td>
<td>Churchill</td>
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