



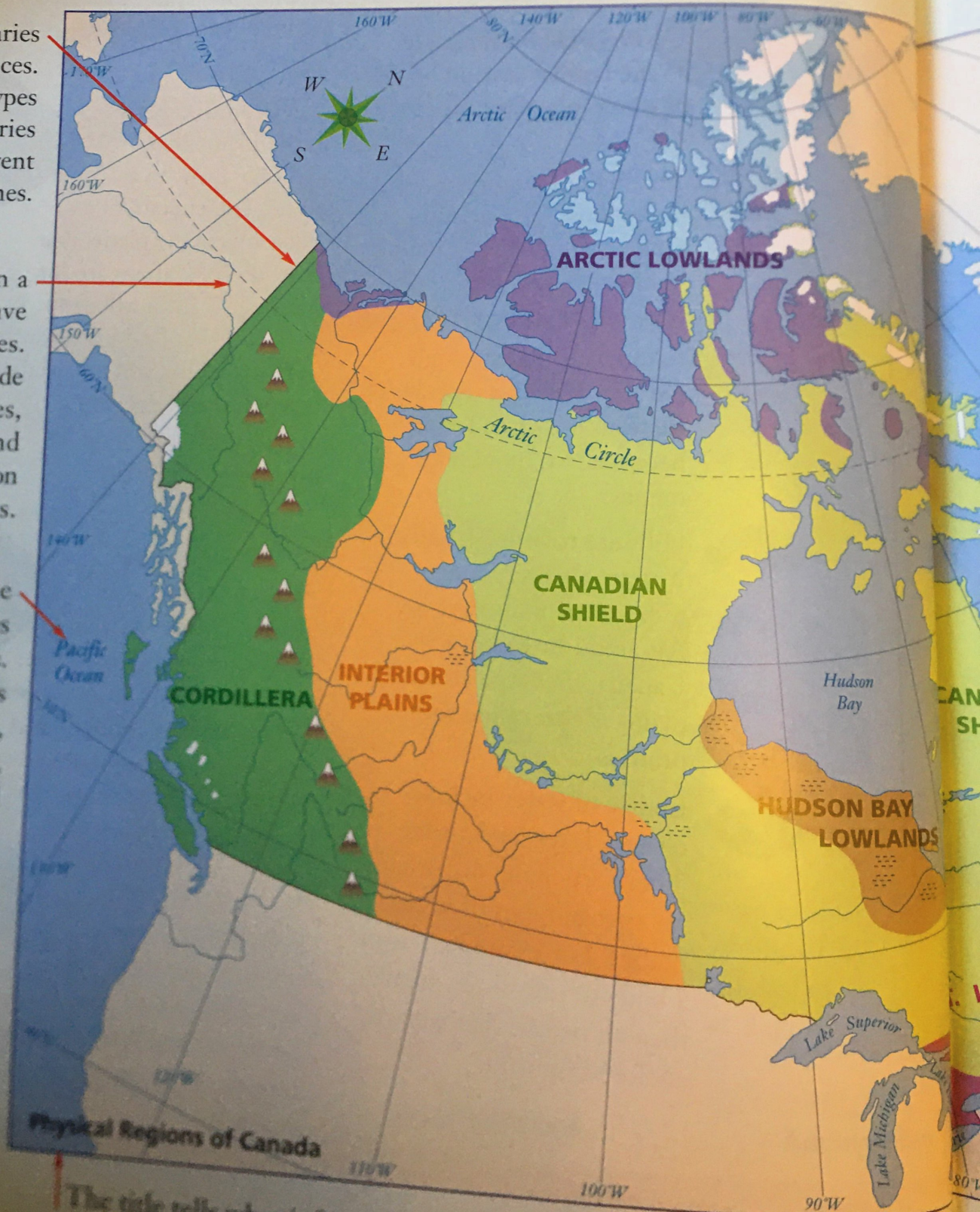
## Reading a Map

A map is a drawing that represents the Earth's surface seen from above. A cartographer is a person whose occupation is making maps. When you make a map, there are certain parts that you must remember to add. They give information to the person who is reading the map.

Boundaries outline places. Different types of boundaries use different kinds of lines.

Lines on a map have many uses. These include boundaries, rivers, and transportation routes.

Labels name physical features and places. Physical features include rivers, oceans, deserts, mountains, and other parts of the environment. Places include countries, provinces, cities, and towns.

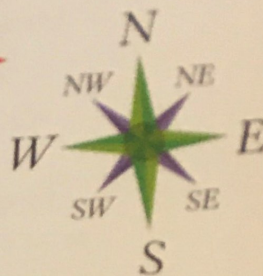


The title tells what information



Lines of latitude are parallel lines that run east-west. Lines of longitude run north-south, reaching from the North Pole to the South Pole. Lines of latitude and longitude form a grid that helps locate places on the map.

A **compass rose** shows the directions on a map. A very simple compass rose just shows where north is. All maps should show north at the top of the page. Some compass roses include both the **cardinal directions** and the **intermediate directions**. The cardinal directions are north, south, east, and west. The intermediate directions are between them; for example, northwest (NW).



The **legend** of a map explains the symbols, colours, and lines used on the map.

The **scale** of a map compares a distance measured on the map with a distance on the surface of the Earth.

Colours identify areas that have something in common.

### Do ♦ Discuss ♦ Discover

1. What is the title of the map on pages 10 and 11? What information does the title give? What information would a map with the title "Vegetation Regions of Canada" include?
2. Identify three different labels shown on the map.
3. What colour are the rivers and bodies of water?
4. Identify an example of a boundary on this map.
5. Look for the compass rose on this map. One intermediate direction is northwest. What do you think the others are?
6. Describe three ways in which lines are used on this map.
7. What is the symbol used to represent mountains? What other symbols are shown in the legend for this map?

