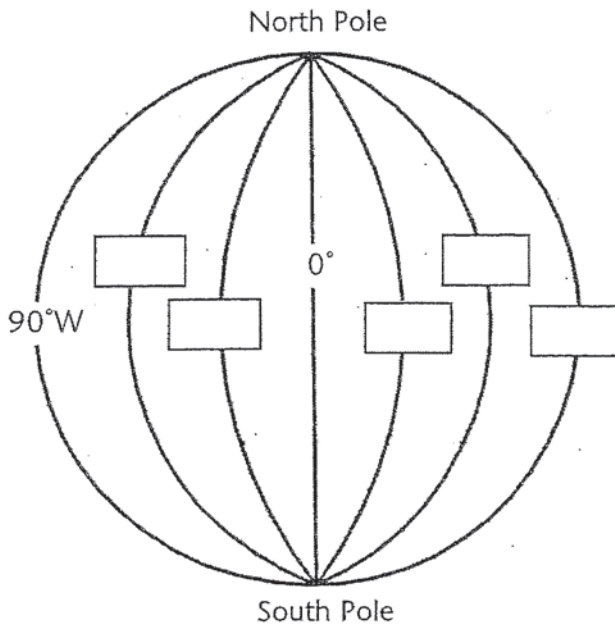


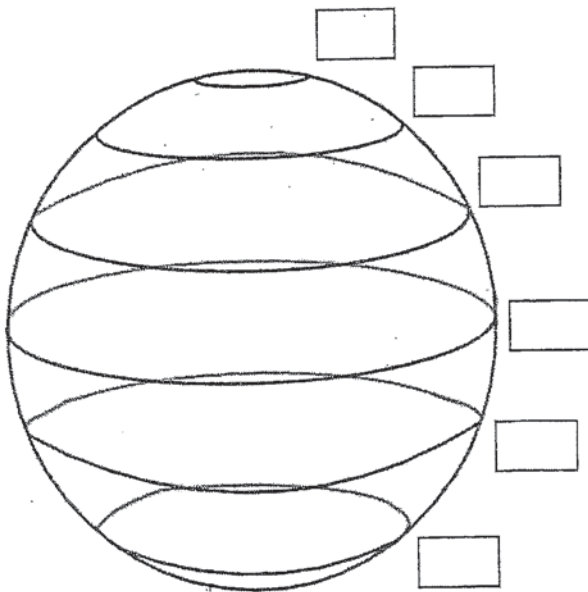
Longitude & Latitude

Longitude



We measure east-west distances on the earth's surface using a system of imaginary lines called **meridians of longitude**. These lines are not parallel to each other like lines of latitude, but circle the earth in a north-south direction to meet at the poles. Distances are measured in degrees from one meridian which is 0° . This is the Prime Meridian. Because a full circle around the earth is 360° , all lines of longitude are numbered up to 180° east (E) or 180° west (W) of the Prime Meridian.

Latitude

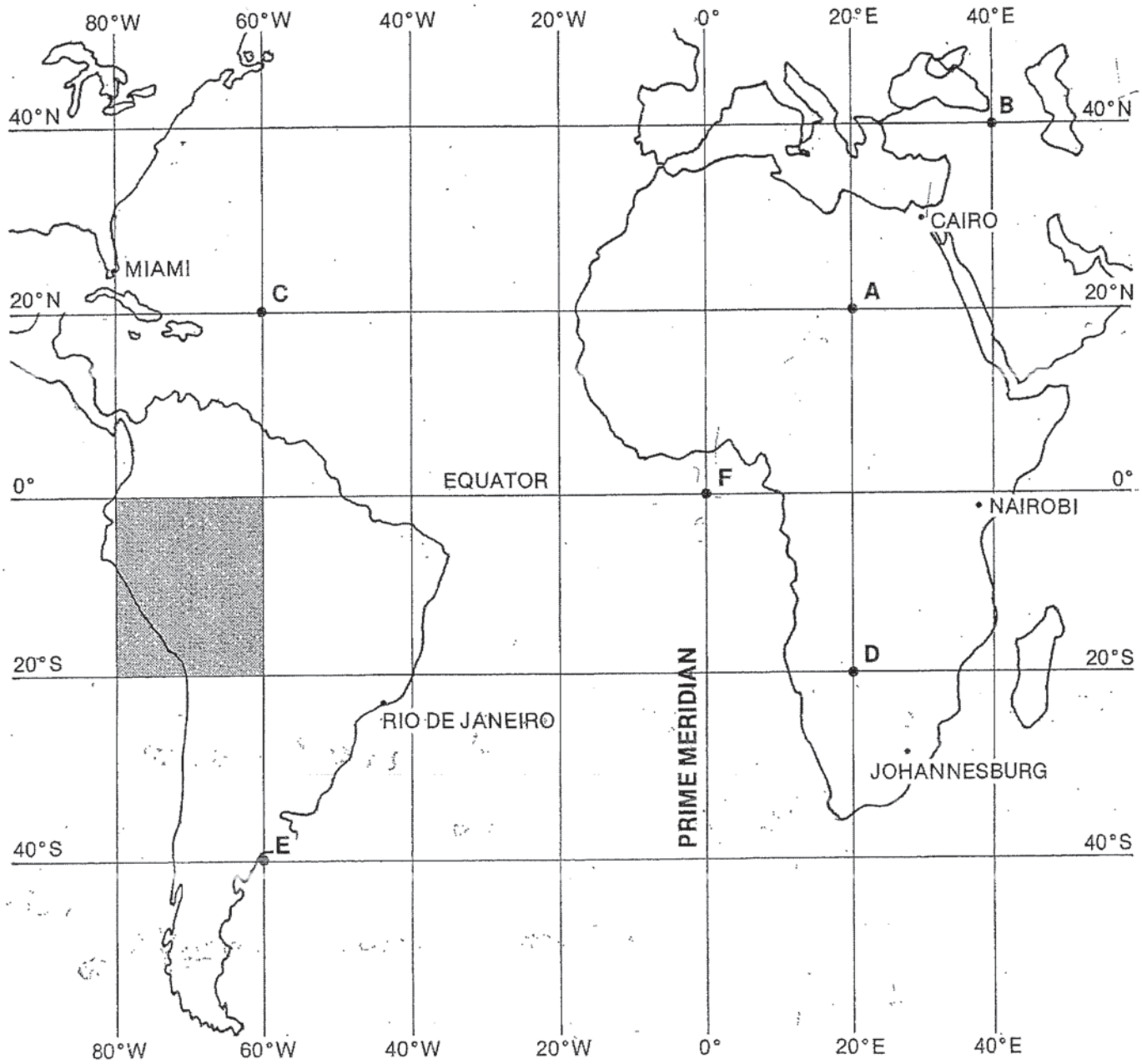


We measure north-south distances on the earth using a system of imaginary lines called **parallels of latitude**. Each line of latitude circles the earth in an east-west direction parallel to the equator and is measured in degrees north or south of the equator. The equator is 0 degrees. (The symbol $^\circ$ represents degrees.) Both the North and the South Pole have latitudes of 90° . This is because the distance from the equator to either of the poles is one-quarter (90°) of a full circle (360°) around the earth. The distance between each degree of latitude on the earth's surface is 111 km.

LATITUDE AND LONGITUDE

The grid system is used to locate features on a map. Lines of latitude and longitude also form a

grid system. This system is used to locate features on a globe.



Practice Questions

1. A _____
2. B _____
3. C _____
4. D _____
5. E _____

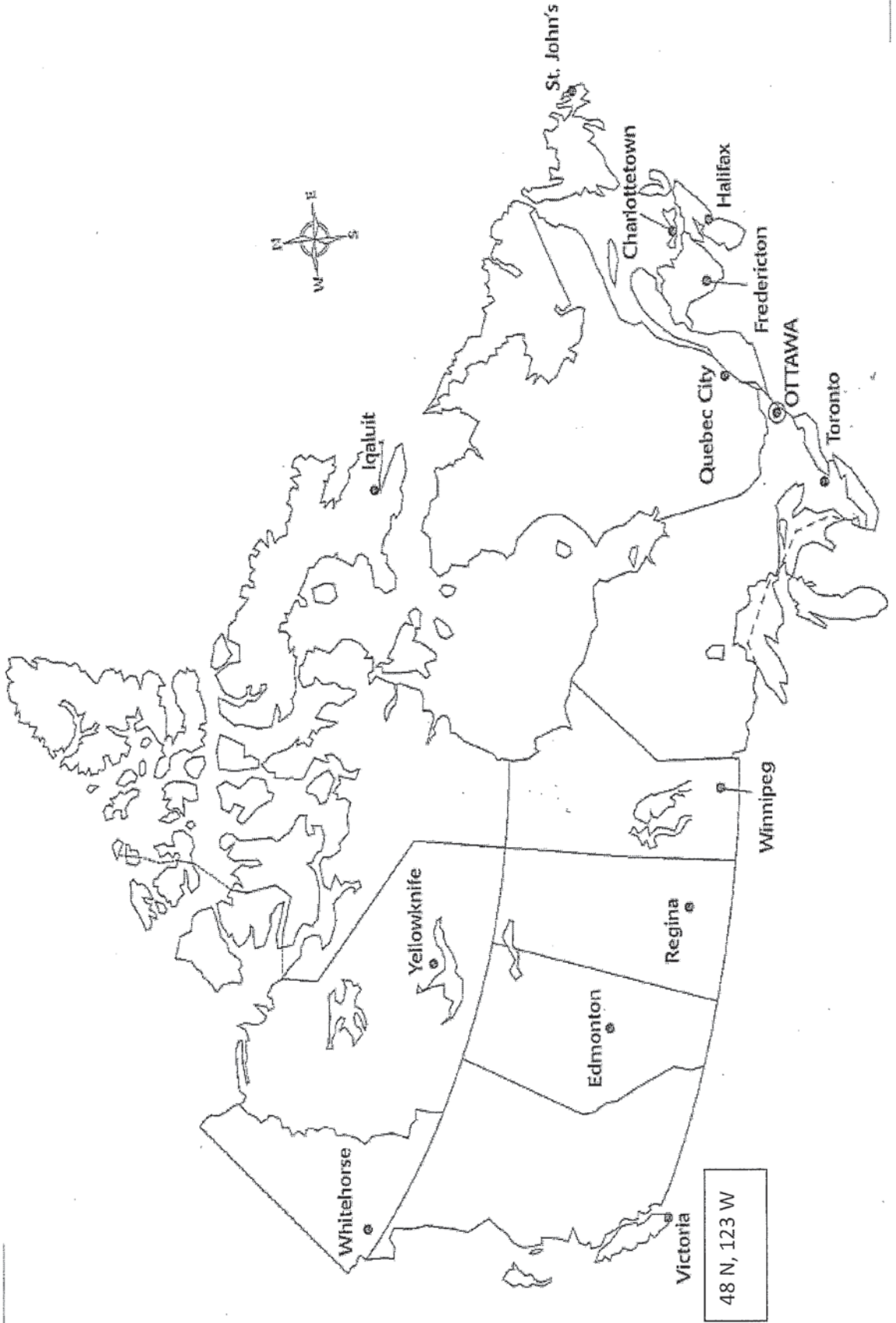
6. Rio De Janeiro _____
7. Johannesburg _____
8. Nairobi _____
9. Miami _____
10. Cairo _____

11. Is the Prime Meridian a line of longitude or latitude?

12. Is the Equator a line of longitude or latitude?

Finding Longitude and Latitude - Canada's Capitals -

Use an Atlas to find the longitude and latitude of Canada's capital cities. Victoria is done for you.



Unit 2 Vocab: Our Provinces and Territories

Latitude:

Longitude:

Meridian:

Equator:

Border:
