Use pages 9-14 to answer the following questions.

1. Lines of latitude are drawn in an **East-West** direction.
2. Lines of longitude are drawn in an **North-South** direction.
3. The intersection of Longitude and Latitude lines help us find the exact or absolute **location** of places.
4. Lines of latitude measure distance North and South of the **equator**.
5. Lines of latitude are also known as **parallels**.
6. Lines of longitude are called **meridians**.
7. They measure distance East and West of the **Prime Meridian**.
8. Longitude and Latitude lines measure distances in **degrees**.
9. Degrees are further divided into **minutes**.
10. The symbol for degrees is ° The symbol for minutes is ′
11. The equator divided the planet into **North** and **South** hemispheres.
12. The different ways of presenting a round Earth on flat maps are called **map projections**.
13. **Conic** projections are designed as if a **cone** has been placed over the globe. It retains almost **true shapes** and **sizes** of land masses.
14. **Flat-plane** maps are those that appear to touch the globe at one point such as the North or South Pole. They show true **area** but **distort** shapes.
15. The shortest distance between any two places is called the **great-circle route**. This is not a straight line on a flat map because the world is **round**.
16. Define: compass rose; A directional indicator on maps that has arrows pointing in all four principal, or cardinal, directions.
17. Define: Contiguous; means connecting or bordering and is often used to refer to the “lower” 48 states as the “contiguous United States”.
**Latitude and Longitude**

Directions: Circle the one that the statement applies to, Longitude or Latitude. (8 points each)

The Equator

They run from the North to the South Pole

They **are not** all the same size

They are all the same size

They are *labeled* as either East or West

They are *labeled* as either North or South

Prime Meridian

They are all parallel to each other

They only go up to 90°

Greenwich

Answer the following questions in a complete sentence. (10 points each)

You travel to 90° North Latitude. Where are you?

I am at the North Pole.

Name one country you will pass through if you travel along the Prime Meridian.

I will pass through England.