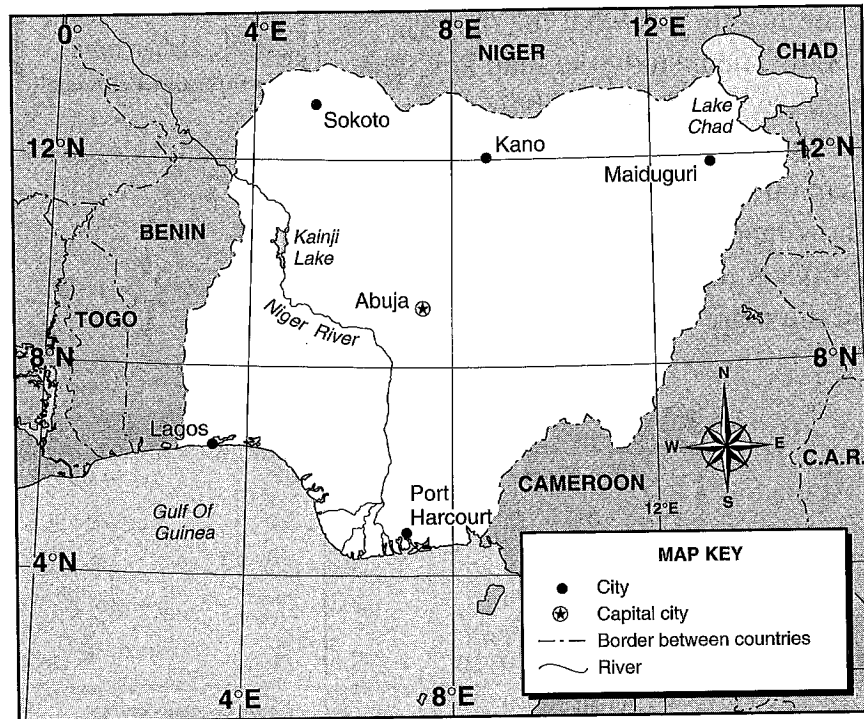


Latitude and Longitude

Some maps have imaginary lines that circle the Earth. Some lines circle the Earth from east to west. These are called **lines of latitude**. Each line of latitude is named with a number of **degrees**. The **Equator** is 0° . All the other lines of latitude are north or south of the Equator. They go up to 90° N (north) or down to 90° S (south).

NIGERIA

There are also imaginary lines that circle the Earth from north to south. These are called **lines of longitude**. Each line of longitude is named with a number of degrees, too. The **Prime Meridian** is 0° . All the other lines of longitude are east or west of the Prime Meridian. They go up to about 179° E (east) and 179° W (west). There is only one 180° line of longitude. Like the Prime Meridian, it does not have a direction.



Together, the lines of latitude and longitude form a grid on maps and globes. By using lines of latitude and longitude, you can find any place on Earth. Sometimes, a place is located between the lines. Then, you have to estimate its location.

Look at the map of Nigeria. Kano and Maiduguri are both near 12° N latitude. Of course, they are not in the same place. By adding the longitude of each place, you can show exactly where it is. The latitude of a place is written first. The longitude is written next to it. Look at Kano. We can say that Kano is near 12° N, 9° E.

Directions

Use the map to answer the questions.

1. Which two cities are located near 7° E?

2. What are the approximate latitude and longitude of Abuja?

3. Which city has a latitude and longitude of about 6° N, 3° E?

4. Which three cities are located between 4° E and 8° E?
