

Latitude & Longitude

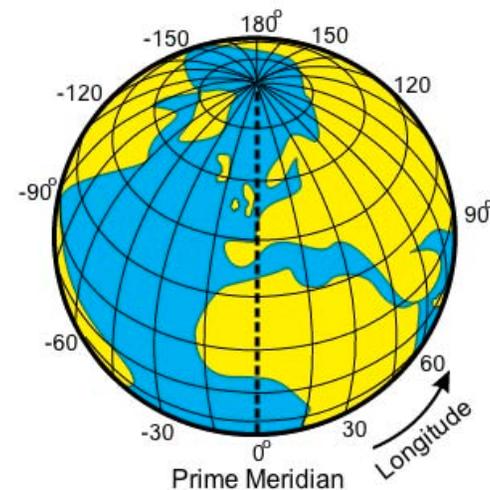
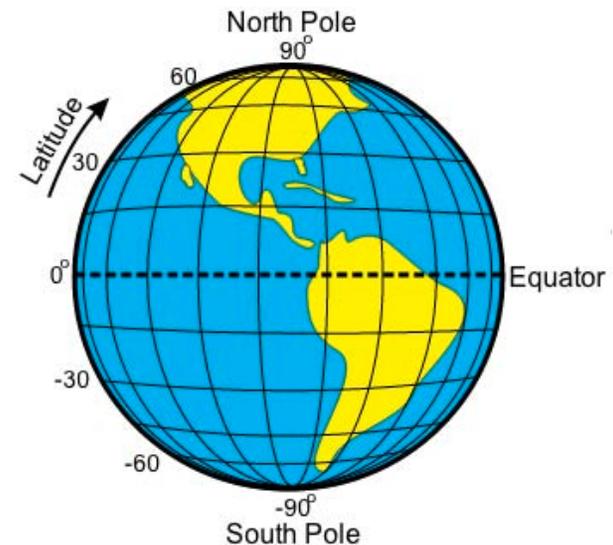
Geographers have divided the world into imaginary lines called latitude and longitude to find our way around Earth more easily. We also use latitude and longitude lines as reference to set the clock all around the world.

Latitude: Lines of Latitude circle the globe from east to west. Latitude lines are also called parallels because they run parallel to the Equator.

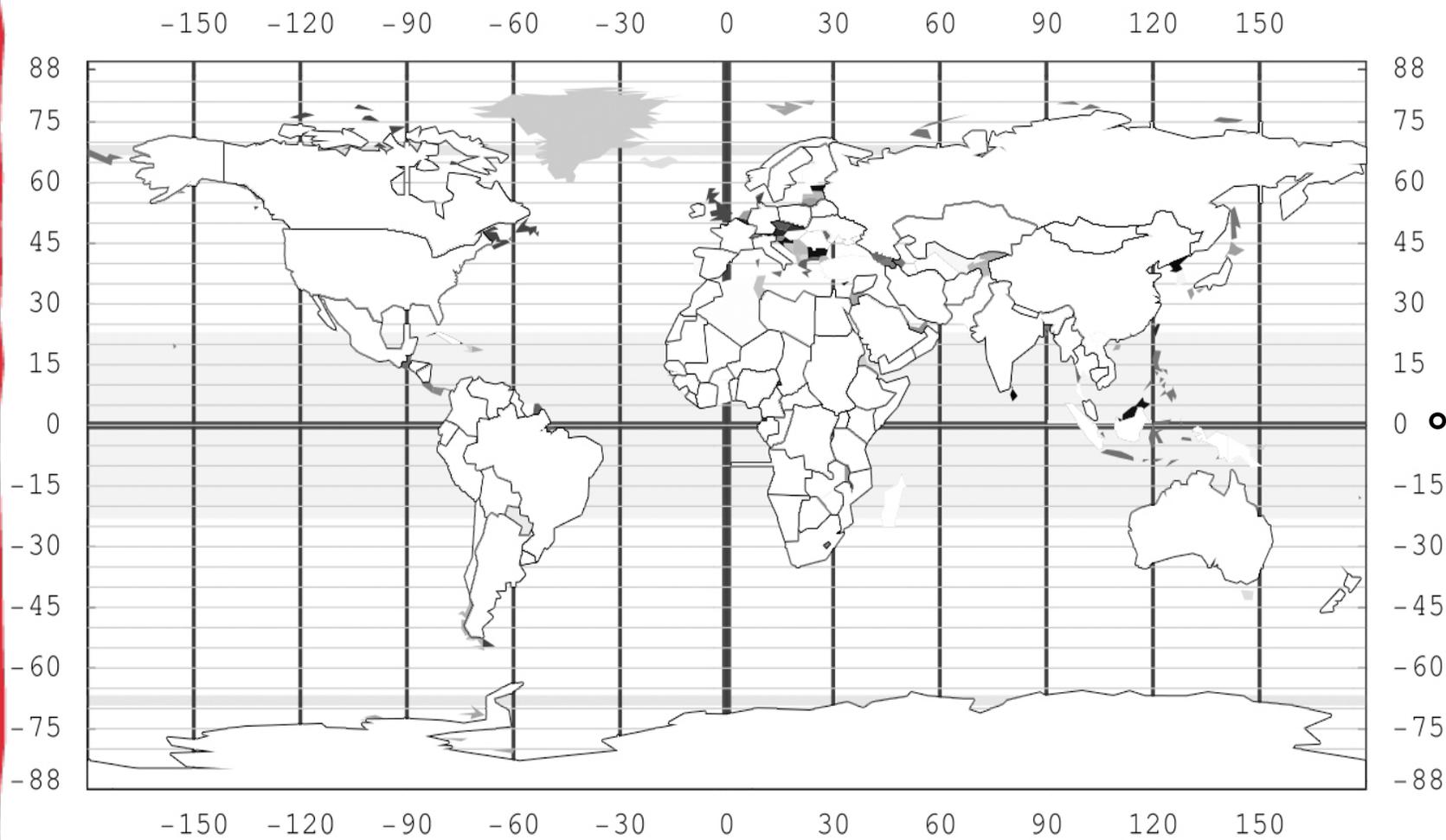
Equator: The equator is another imaginary line that divides the world into exactly two halves. The northern half is the Northern Hemisphere and the southern half is the Southern Hemisphere. There are 180° between the 2 poles, so there are exactly 90° between the equator and each pole.

Longitude: Lines of longitude intersect at the equator at right angles. They run from north to south, and thus they end at the North and South Poles. These lines are also called meridians. Meridian comes from Latin which means midday. The sun crosses each meridian in the middle point between sunrise and sunset.

[Watch this video](#) to learn about degrees in these imaginary lines.



◦ longitude



◦ latitude

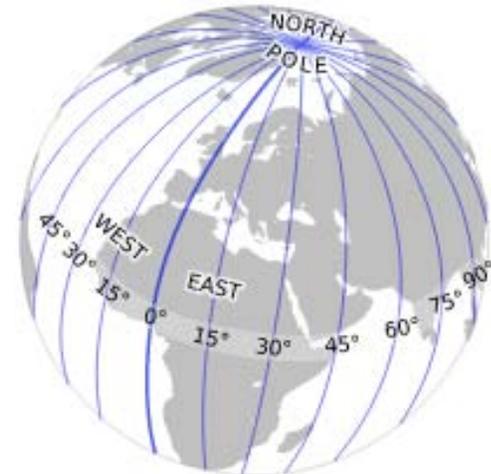
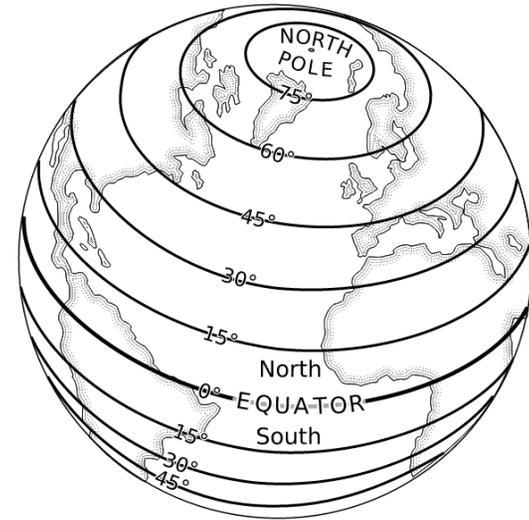
Let's Learn More

1. Find the **equator** line on the map and color it **red**.
2. What **continent** is found at latitude 40° and longitude 90° ? Label it and color it **blue**.
3. What **country** is found at latitude 40° and longitude -90° ? Label it and color it **green**.

Latitude and longitude lines could also be located using the cardinal points: north, south, east and west. For example, a point inside the United States is found at 40° North and 90° West.

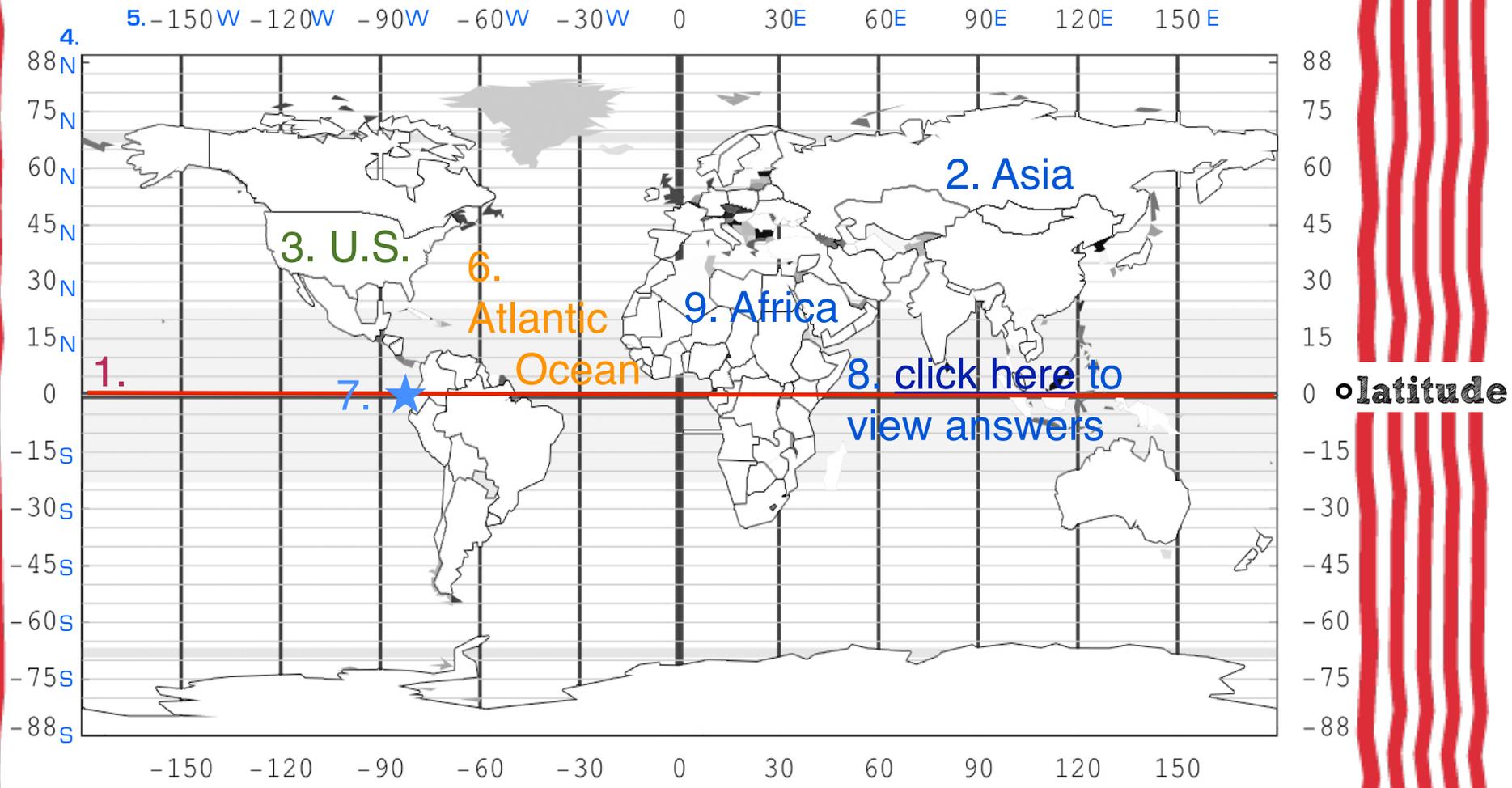
4. Write "N" for North, and "S" for South next to each of the latitude line's degrees.
5. Write "E" for East, and "W" for West next to each of the longitude line's degrees.
6. What **ocean** is found at 30° West and the equator? Label it and color it **orange**.
7. Put a star on top of "La Mitad del Mundo" in **Ecuador**. ☺
8. Chose any color or colors for all **countries** where the Equator passes through. Which countries are they?

9. What **continent** has land on the Northern, Southern, Eastern and Western Hemispheres?



Answer Key

◦ longitude



Thank You!

Thank you for downloading my mini unit on Latitude and Longitude. If you'd like to explore this topic further, visit these kid-friendly sites and video:

- * <http://www.mrdowling.com/601-grid.html>
- * <http://www.worldatlas.com/aatlas/imageg.htm>

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Thank you and happy learning!

Patricia