

## LATITUDE AND LONGITUDE LINES

Like a grid, the lines of latitude and longitude help to locate places on the earth if a ship was having trouble at sea the captain could radio for help and give the latitude and longitude of the ship's location. Using these lines, another plane or ship could come to the rescue.

There are two sets of lines that circle the globe. **Lines of Latitude** run horizontally from East to West. The center line is the **Equator**. **Lines of Longitude** run vertically from North to South. The center line is the **Prime Meridian**. These lines are numbered in degrees. For example, a location on the globe might be at 30 degrees north latitude and 120 degrees east longitude.

### ANSWER THE QUESTIONS

1. What are the lines that run from east to west?

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2. What are the lines that run from north to south?

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3. For which purpose were the lines of latitude and longitude created?

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4. What is the name of the center line of latitude?

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5. What is the name of the center line of longitude?

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