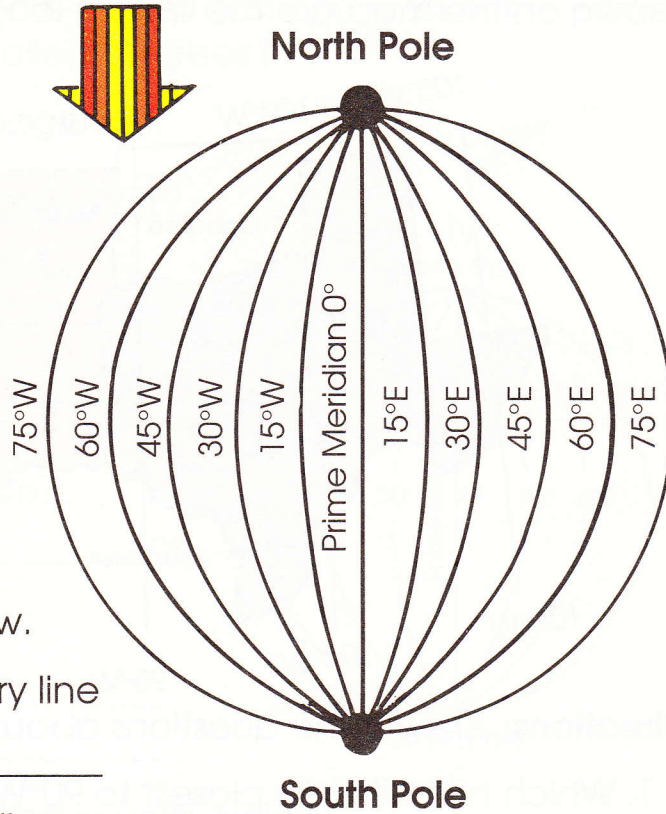


The Long Lines

Longitude on a globe runs north and south. They are lines called **meridians**. Zero degrees longitude (0°) is an imaginary line called the **prime meridian**. It passes through Greenwich, England. Half of the meridians are west of the prime meridian, and half are east.



Answer the questions below.

What is the name for the imaginary line of longitude? _____

What are the lines to the left of the prime meridian called? _____

What are the lines to the right of the prime meridian called? _____

Where do lines of longitude come together? _____

_____ and _____

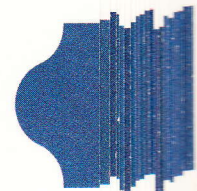
Where does the prime meridian pass through? _____

Which directions do lines of longitude run in? _____

_____ and _____

Color the prime meridian red.

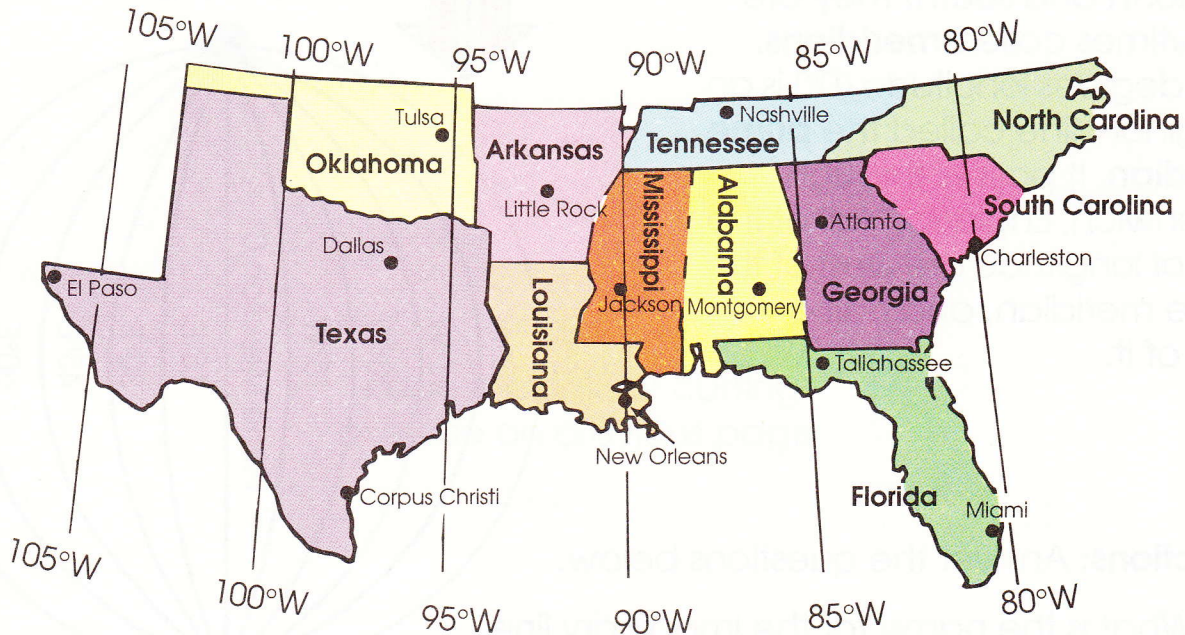
Color the other meridians blue.



Meridians of Longitude

Merry Meridians

Shown on the map are the lines of longitude west of the prime meridian.



Directions: Answer the questions about these southeastern states.

1. Which two cities lie closest to 90°W?

2. To which longitude line is Miami, Florida, closest? _____
3. Which cities lie between 80°W and 85°W? _____

4. Which city is closest to 95°W? _____
5. El Paso, Texas, is closest to which meridian? _____
6. Which two cities are closest to 85°W? _____
7. Little Rock is between which two meridians? _____ and _____
8. Parts of which states lie between 85°W and 90°W? _____

9. Most of Florida lies between which meridians? _____
10. Corpus Christi lies between which meridians? _____
and _____

Name _____

Meridians of Longitude

Where Is the Prime Meridian?

Meridians of longitude help people locate places east and west of the prime meridian and are measured in units called degrees ($^{\circ}$).

Directions: Complete this page and page 280.

What do the letters N, S, E and W stand for?

The _____ is 0° longitude.

Meridians of longitude are measured _____ and _____ of the prime meridian.

Where do all the meridians meet? _____

Meridians of longitude are measured in units called _____.

Use the following to complete this map.

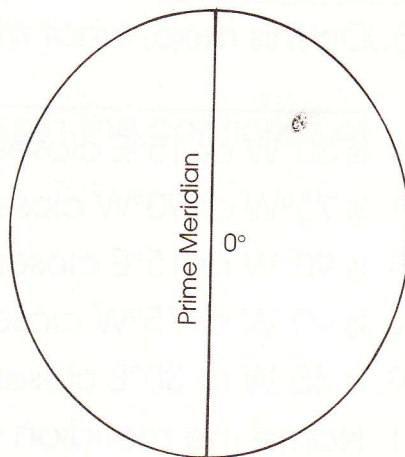
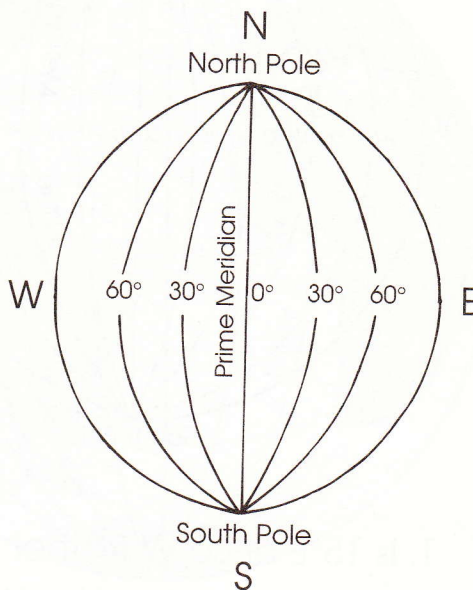
The map above will help you.

Label the four cardinal directions.

Draw a meridian at 30°E and 30°W .

Draw a meridian at 60°E and 60°W .

Label the North and South Poles.

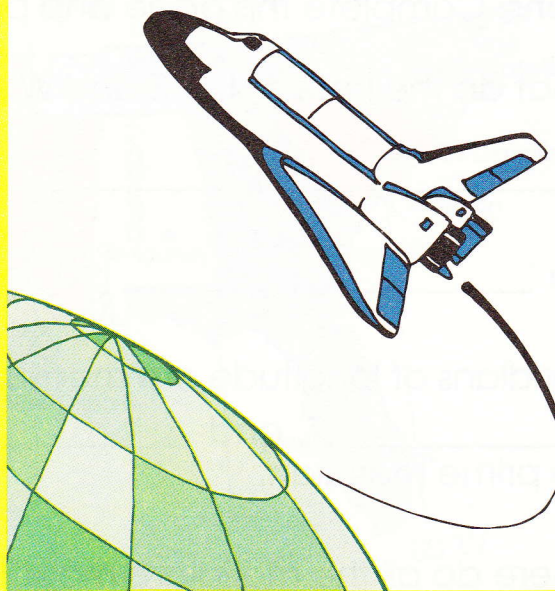
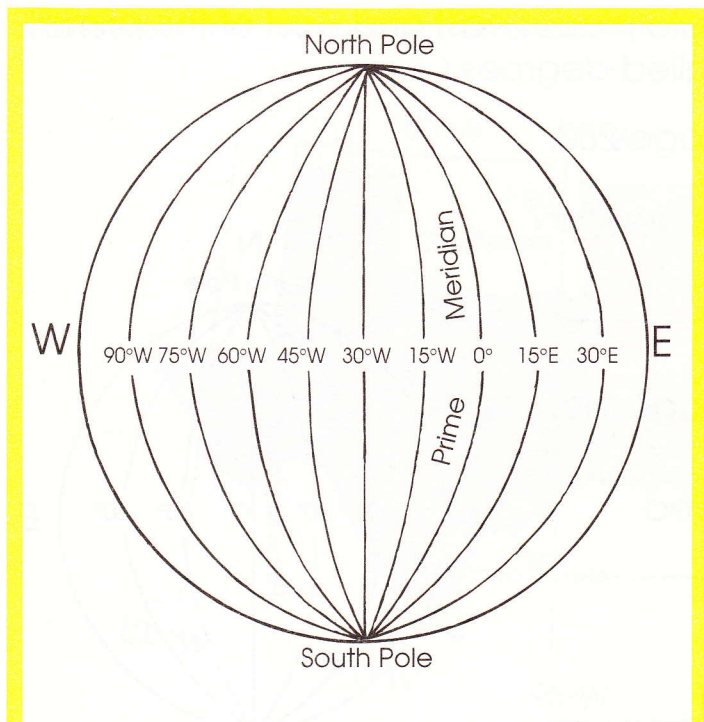


Name _____

Meridians of Longitude

Where Is the Prime Meridian?

Use with page 279.



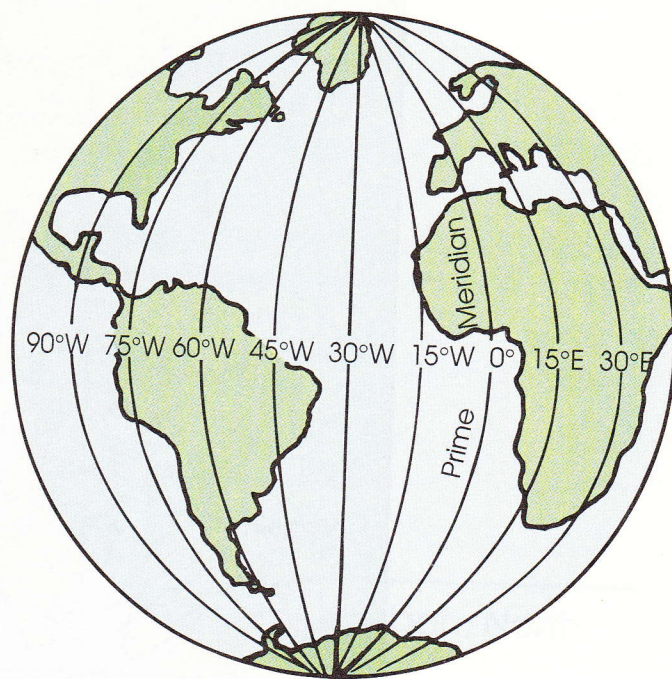
1. Is 15°E or 30°W farther from the prime meridian? _____
2. Is 60°W or 15°E closer to the prime meridian? _____
3. Name the two meridians east of the prime meridian on this map.

4. How many meridians are west of the prime meridian on this map? _____
5. On this map, what meridian is located between 15°W and 15°E ?

6. Is 30°W or 15°E closer to the prime meridian? _____
7. Is 75°W or 90°W closer to the prime meridian? _____
8. Is 90°W or 15°E closer to 15°W ? _____
9. Is 90°W or 75°W closer to the prime meridian? _____
10. Is 45°W or 30°E closer to the prime meridian? _____
11. Name the meridian west of 75°W . _____
12. Name the meridian east of 15°E . _____

Lines of Longitude

Directions: Use the meridians shown in the globe below to answer the questions.



1. Lines of longitude are called _____.
2. They run in which directions? _____ and _____.
3. 0° longitude passes through _____.
4. 0° longitude is called the _____.
5. Degrees to the right of the prime meridian are which direction? _____.
6. What meridian is west of 75°W? _____.
7. Degrees to the left of the prime meridian are which direction? _____.
8. Name the meridians east of 0° on this globe. _____.
9. What meridian is east of 15°W? _____.
10. Which meridians shown on this map pass through the continent of Africa? _____.
11. What meridian is west of 45°W? _____.
12. Trace the prime meridian orange.
13. Trace the other meridians yellow.

