

Name \_\_\_\_\_

Date \_\_\_\_\_

**Notes: Mapping Earth**  
Determining Longitude

The earth rotates \_\_\_\_\_ degrees in \_\_\_\_\_ hours or \_\_\_\_\_ °/hr.

As shown by the arrow on the diagram below the earth rotates toward the \_\_\_\_\_. This causes earlier times to be \_\_\_\_\_ of later times.

About how many degrees of longitude apart are the east and west coasts of the United States? \_\_\_\_\_

What time difference does this create between the coasts? \_\_\_\_\_

If it is 2pm in NY, what time would it be in Los Angeles? \_\_\_\_\_

(note that each longitude line is labeled with the time as well)



Steps Used to Determine Longitude

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

This is one question I have about today's lesson:

\_\_\_\_\_  
\_\_\_\_\_