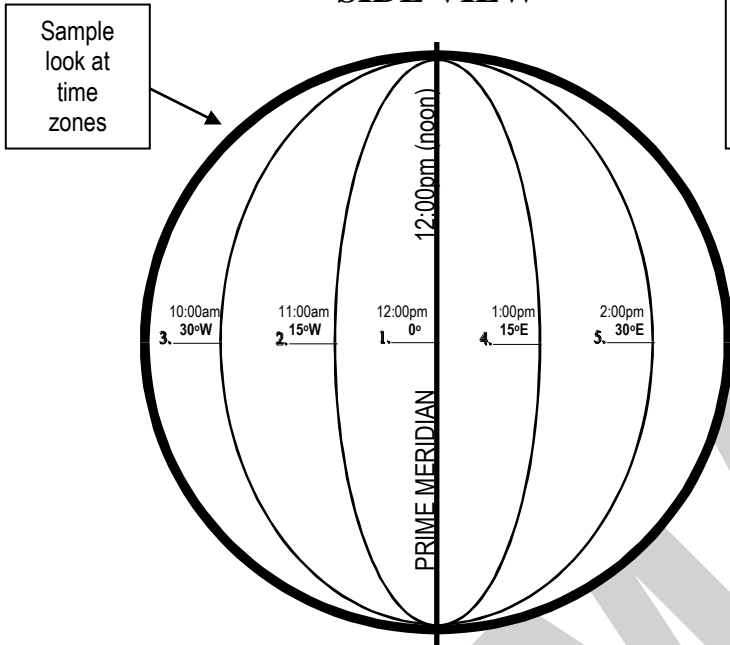


Topic: The Model of the Earth
Aim: How do longitude lines separate time zones?

SIDE VIEW



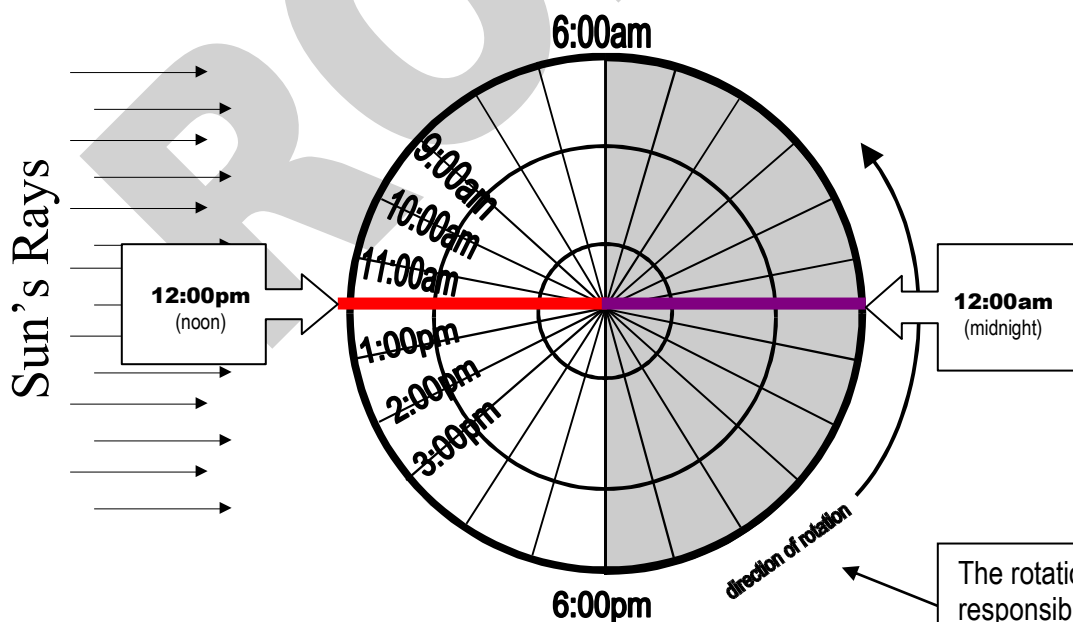
- longitude lines intersect at poles
 - from side view you can't see every longitude line / time zone

Prime Meridian (0°) = Greenwich Meridian
 180° = International Date Line (opposite side of 0°)

On a globe:
 Each line of longitude is 15° apart or 1 hour apart
 When working with time zones remember:
 Left is less!

NORTH POLAR VIEW

- from top view you CAN see every longitude line / time zone



The rotation of the Earth (spinning) is responsible for day and night by causing locations to turn toward and away from the Sun.