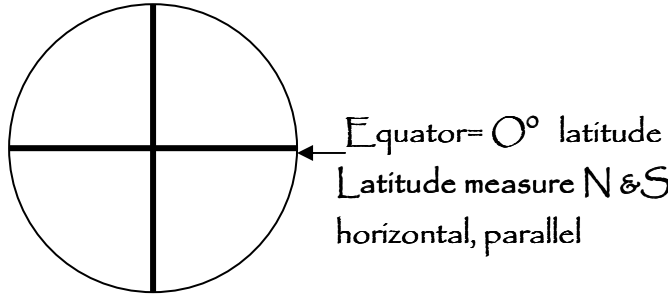


Measurements of The Earth/Mapping- Weekly Review

1. Earth Coordinate System-

fill in lines!! Draw them!



Prime Meridian = 0° longitude  
Longitude measures E & W,  
vertical, meet at poles

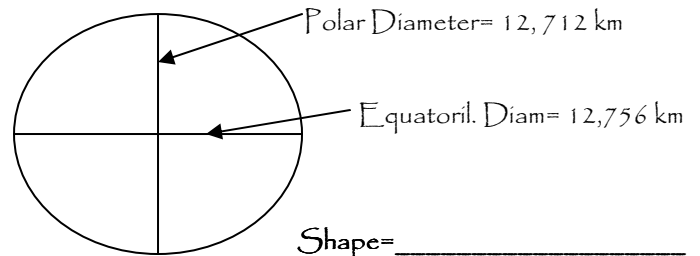
Grid Origin (0,0) in Atlantic Ocean:  
USA always N Lat., W Long.

2. Time Zones

Every 15 longitude \_\_\_\_\_, move clock +1 hour  
Every 15 longitude \_\_\_\_\_, move clock -1 hour  
Based on Earth's rate of rotation \_\_\_\_\_

-Same Longitude line=same solar time  
(Think about going to California-back 3 hrs)

4. Shape of the Earth/Dimensions



Shape = \_\_\_\_\_

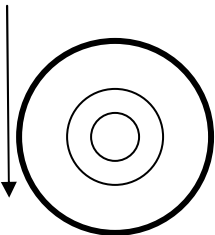
Candy = \_\_\_\_\_

3. Parts of the Earth

Interior Sections

Spheres

Label below



- 1-Crust
- 2-Mantle
- 3-Outer Core
- 4-Inner Core

- Atmosphere = \_\_\_\_\_
- Hydrosphere = \_\_\_\_\_
- Lithosphere = \_\_\_\_\_
- Biosphere = \_\_\_\_\_
- (Ecosphere)

5. Polaris & Latitude

The altitude of Polaris (degrees) =  
the latitude of observer (degrees) North of  
Equator. Label the latitudes A, B, & C  
below:

