

Time Zones

⇒ Developed by a Canadian named **Sanford Flemming** during the 1800's

1 day = 24 hours

1 rotation = 360°

⇒ Therefore, $360^\circ / 24 \text{ hours} = 15^\circ / \text{hour}$

⇒ As a result, each time zone is 15° wide

⇒ All other time zones are based or compared to **Universal Time** located at the **Prime Meridian**

Shapes of Time Zones

⇒ Countries may modify time zones for particular reasons

EXAMPLE: Time zones may be adjusted so that they do not pass through a city

EXAMPLE: Sometimes it is more convenient to have all of a province, region or state in a time zone