

Notes
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Why were time zones needed?

Sir Sanford Fleming was the man who was responsible for establishing the international time zone system. In one rotation (from west to east) the earth travels through 360° of longitude. $15^\circ = 1\text{hr}$. However some locations lie in the middle of a time zone and is adjusted by 30 minutes. For example, St. John's, NL, is located 52.5° west of 0° or the Prime Meridian and is therefore 3.5 hours behind Greenwich Mean Time.

Discuss Fig. 2.9 to examine physical distance.

Discuss Fig. 2.10 to examine time distance.

Do worksheet #1 on page 269 of Resource guide.