

Time zones

Worksheet 1

1. Imagine your friend goes to London on a school trip and promises to Skype with you at 8 o'clock in the evening. What time will it be in your country? Why ?
2. What is the earth's axis?

How long does it take for the earth to complete one turn around its axis?

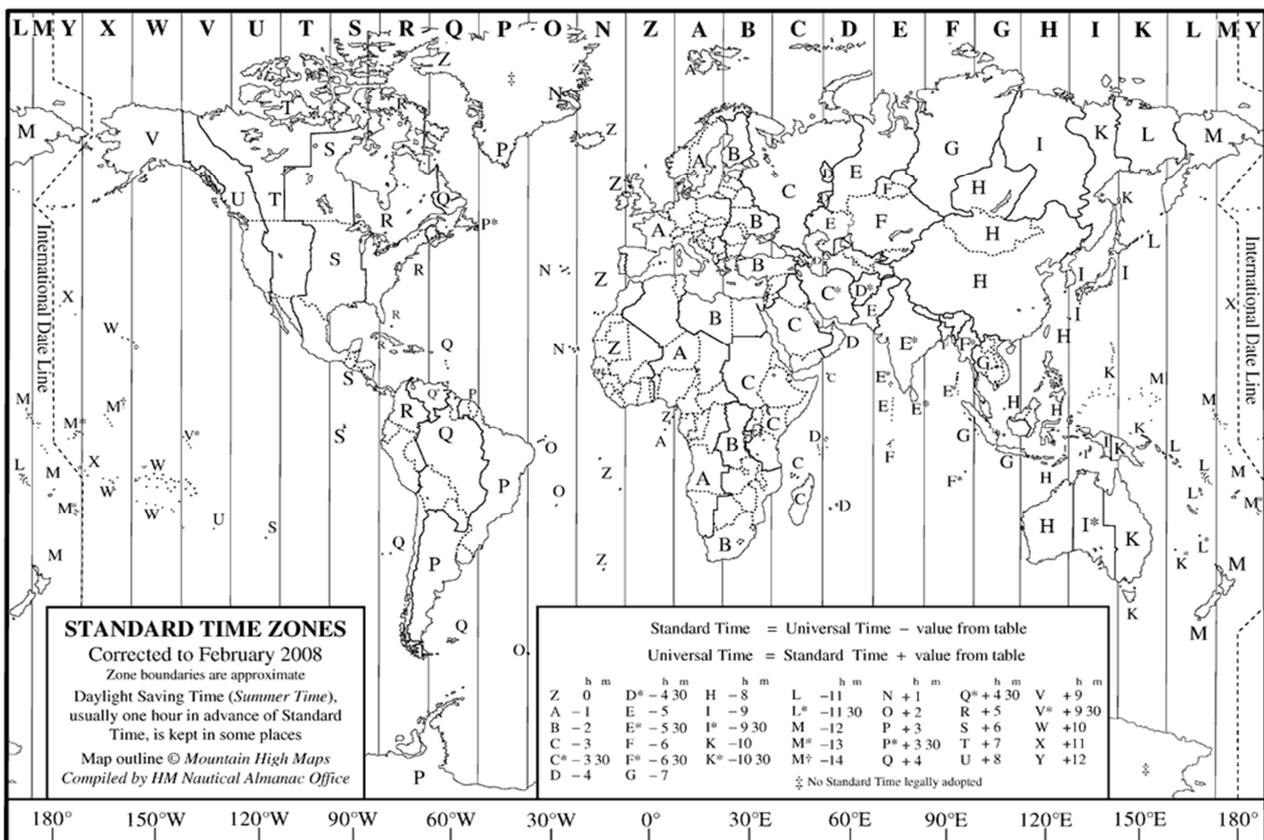
What is the longitude?

What is the difference between the earth rotation and revolution?

Go online and read about the time zones.

<http://www.funsocialstudies.learninghaven.com/articles/timezones.htm>

<http://wonderopolis.org/home/wonder/why-do-we-have-different-time-zones/>



<http://www.susdesign.com/images/time-zone-map.gif>

3. Go online <http://www.youtube.com/watch?v=kDWHM00sZJc> and watch a video about different time zones. Answer these questions:

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- What are the numbers 360, 25 and 15 ?
- What is the Prime Meridian and why it is important?
- What is GMT (Greenwich Mean Time)?

4. Go online and try to do the time zone quiz:

<http://easyscienceforkids.com/time-zones-quiz-free-interactive-quiz-general-knowledge-questions/>

<http://nzmaths.co.nz/sites/default/files/TimeZonesAroundtheWorld.pdf>

5. Watch the earth from space and see the night turn into day :

<http://www.youtube.com/watch?v=FG0fTKAqZ5g>