

## LATITUDE, LONGITUDE and TIME ZONES

---

**Answer the following questions in your own words.**

1. What are lines of latitude ? \_\_\_\_\_
2. Which is the longest line of latitude? \_\_\_\_\_
3. How far is each degree of latitude apart from each other ? \_\_\_\_\_
4. What latitude does the Tropic of Capricorn have? \_\_\_\_\_
5. What latitude does the Tropic of Cancer have? \_\_\_\_\_
6. How long does daylight last north of the Arctic Circle in summer? \_\_\_\_\_  
\_\_\_\_\_
7. Which large city does the Prime Meridian go through ? \_\_\_\_\_
8. What happens when you cross the International Date Line ? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Where are degrees of longitude farthest apart from each other ? \_\_\_\_\_
10. How was early navigation different from the way we navigate today? \_\_\_\_\_  
\_\_\_\_\_
11. How long does it take for the Earth to rotate around its axis ? \_\_\_\_\_
12. Name a few countries that have more than one time zone ? \_\_\_\_\_  
\_\_\_\_\_
13. How many degrees, in theory, is each time zone ? \_\_\_\_\_
14. How does Daylight Saving Time (DST) work ? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
15. What is the main aim of DST \_\_\_\_\_  
\_\_\_\_\_
16. Where is DST mainly used? \_\_\_\_\_
17. Why don't countries around the equator use DST ? \_\_\_\_\_  
\_\_\_\_\_