



Geometry & Measurement Student Activity

WORLD Time Zones

You will need an Atlas to complete the following questions.

1. At what degree longitude is Greenwich, England located?
2. At what degree longitude is Saskatchewan located?
3. What is the time difference between Greenwich and Saskatchewan (in the summer)?
4. What is the time difference between Greenwich and Saskatchewan (in the winter)?
5. Why is there a difference between your answers in Question 4 and 5?
6. Using the information from the above questions, please draw a number line with Greenwich at 0. Where would you label Saskatchewan (in winter)? Label Perth, Australia as well. (HINT: think integers.)
7. Can you find a correlation between the degrees longitude and the time of day? (HINT: Time of day changes / degree).
8. Can you locate a place on a map in your Atlas where a person can travel from today to yesterday? What is this place called?
9. Reflection: What have you learned?