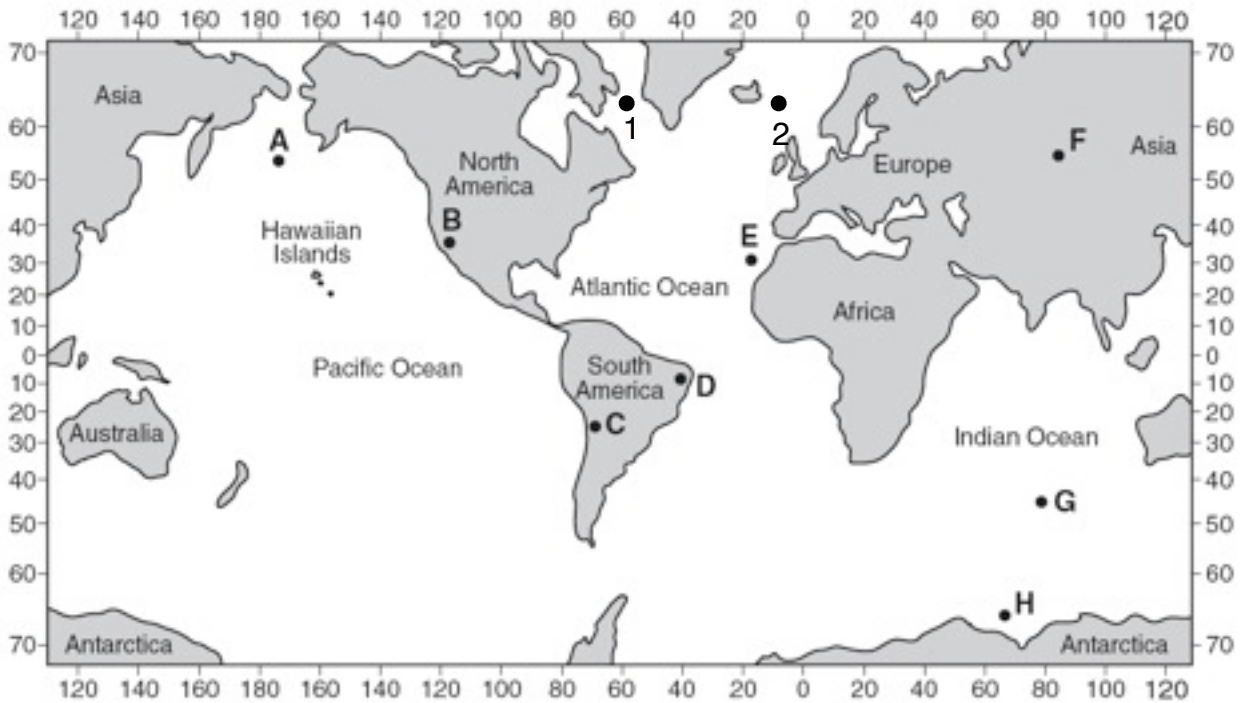


Latitude and Longitude

1. What is the latitude and longitude of point B? _____
2. What is the latitude and longitude of point C? _____
3. What is the latitude and longitude of point G? _____
4. How many degrees separates each time zone? _____
5. How many degrees of longitude are in each time zone? _____
6. As you go east, the time does _____
7. As you go west, the time gets _____
8. If its 6:00am at point 1, what time is it at point 2? _____
9. If the altitude of polaris is 42 degrees, what is your latitude? _____
10. If your latitude is 61 degrees North, what is your altitude of polaris? _____
11. What is the altitude of polaris if you latitude is 41 degrees south? _____
12. What latitude gets the most direct sun on June 21st? _____
13. What latitude gets the most direct sun on December 21st? _____
14. What latitude gets the most direct sun on March 21st? _____
15. What latitude gets the most direct sun on September 23rd? _____