

4. How many hours difference in time is there between:

- A. New York and Phoenix _____
- B. San Francisco and Salt Lake City _____
- C. Atlanta and Denver _____
- D. Miami and Honolulu _____
- E. Anchorage and Oklahoma City _____

5. Using the map above, give the time:

- A. In New York if it is 11 AM in Denver _____
- B. In San Francisco if it is midnight in Detroit _____
- C. In Seattle if it is 3 PM in Honolulu _____
- D. In Boston if it is 6 AM in Las Vegas _____
- E. In Louisville if it is 4 PM in Atlanta _____

- 6. For every 15° of longitude, time changes by _____
- 7. If you move west, time gets earlier/later.
- 8. If you move east, time gets earlier/later.

ANSWER THE QUESTIONS BELOW:

9. The diagram below shows the latitude-longitude grid on an Earth model. Points A and B are locations on the surface. On Earth, the solar time difference between point A and point B would be

4 hours.

Remember 15°/hr
15°/Time zone

A & B is separated
By 4 Time Zones

$$4 \times 15^\circ = 60^\circ$$

4 Time Zones = 4 hrs.

