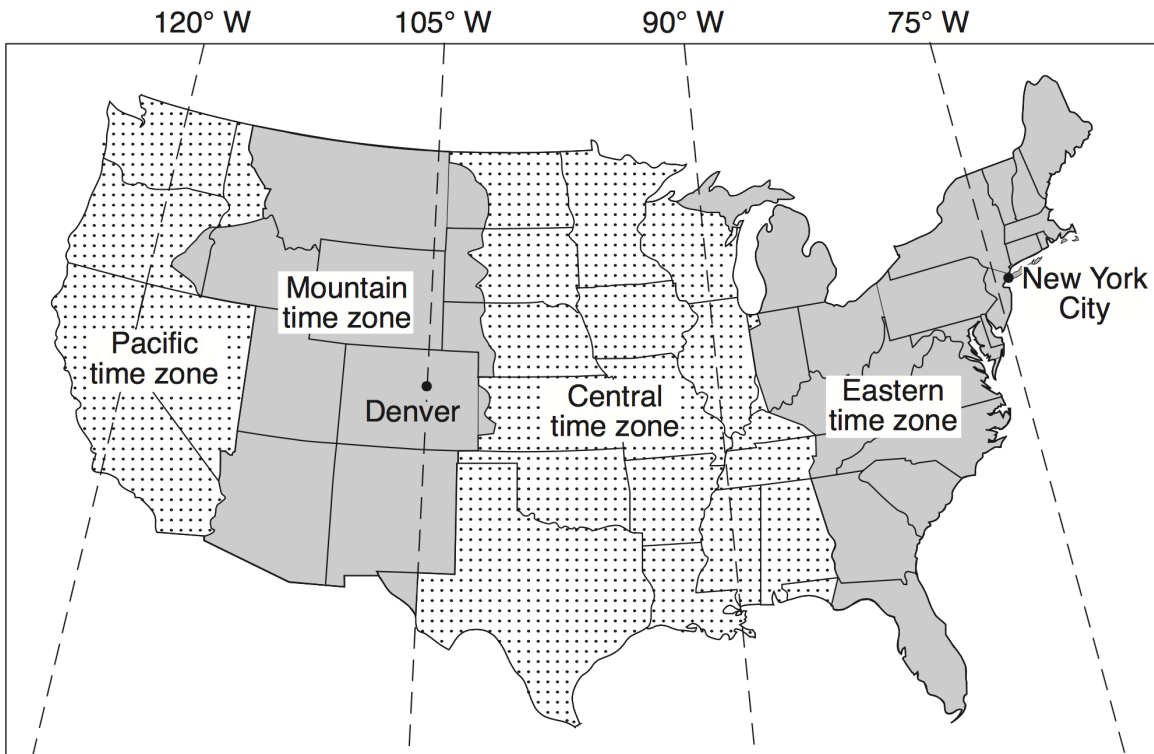


Name: _____

Date: _____ Period: _____

Worksheet: Latitude and Longitude II

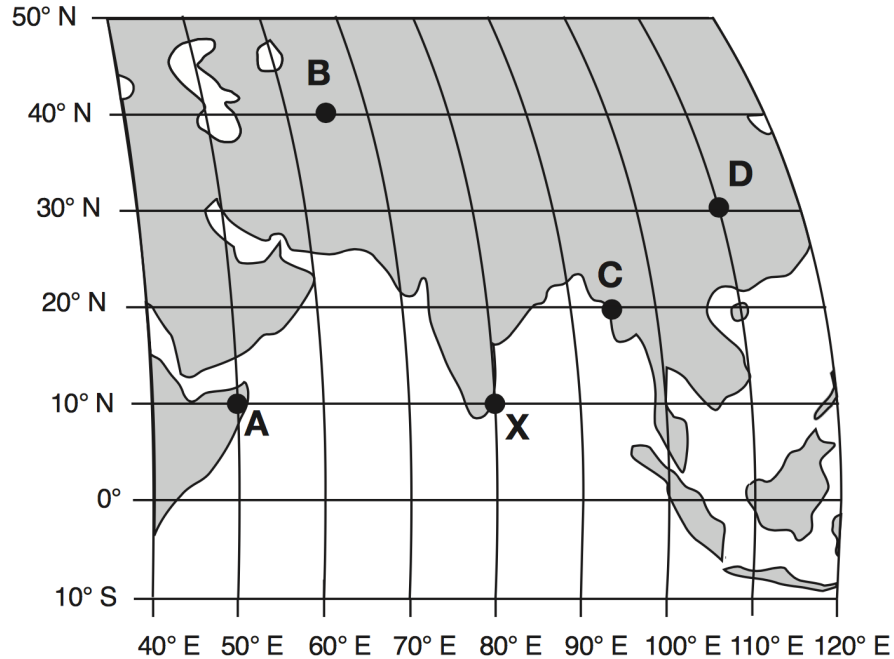
Base your answer to questions 1 through 3 on the world map below which shows four major time zones of the United States. The dashed lines represent meridians of longitude. New York City and Denver are shown.



1. What is the time in New York City when it is noon in Denver?
 - a. 11:00 am
 - b. 1:00 pm
 - c. 2:00 pm
 - d. 3:00 pm
2. What is the time in California when it is 7:00 pm in New York?
 - a. 10:00 pm
 - b. 11:00 pm
 - c. 3:00 pm
 - d. 4:00 pm
3. How many different time zones exist on Earth?
 - a. 4 time zones
 - b. 8 time zones
 - c. 12 time zones
 - d. 24 time zones

Worksheet: Latitude and Longitude II

Base your answer to questions 4 through 6 on the world map below that shows a portion of Earth's system of latitude and longitude and five surface locations labeled A, B, C, D, and X.



4. As which location will an observer see the greatest altitude of Polaris?
 - a. A
 - b. B
 - c. C
 - d. D

5. The approximate latitude and longitude of location D?
 - a. 30° N and 110° W
 - b. 30° S and 110° E
 - c. 30° N and 110° E
 - d. 30° S and 110° W

6. It is solar noon at location X, what time is it at location C?
 - a. 10:00 am
 - b. 11:00 am
 - c. 1:00 pm
 - d. 2:00 pm

7. It is solar noon at location X, what time is it at location B?
 - a. 10:00 am
 - b. 11:00 am
 - c. 1:00 pm
 - d. 2:00 pm