

Challenge Problems

12.3

NAME _____

Module 12 Attributes and Tools

Lesson 3 Measurement: Time

Set 1

1 A year ending in 00 is a leap year if it is evenly divisible by 400. A year that does not end in 00 is a leap year if it is evenly divisible by four. Which of the following years were leap years?

- 1500
- 1633
- 1984
- 2000

2 The map shows the different time zones in the United States. Darla took a train from New York City to Chicago, Illinois. The train left New York at 4:00 P.M. Eastern time and arrived in Chicago at 9:45 A.M. Central time the next day. How long was the trip?



Possible Answers

Set 1

1. 1500 No
1633 No
1984 Yes
2000 Yes

2. 9:45 A.M. CST is 10:45 A.M. EST.

4:00 P.M. to 4:00 A.M. : 12 h
4:00 A.M. to 10:00 A.M. : 6 h
10:00 A.M. to 10:45 A.M. : 45 min

Total time: 18 h 45 min