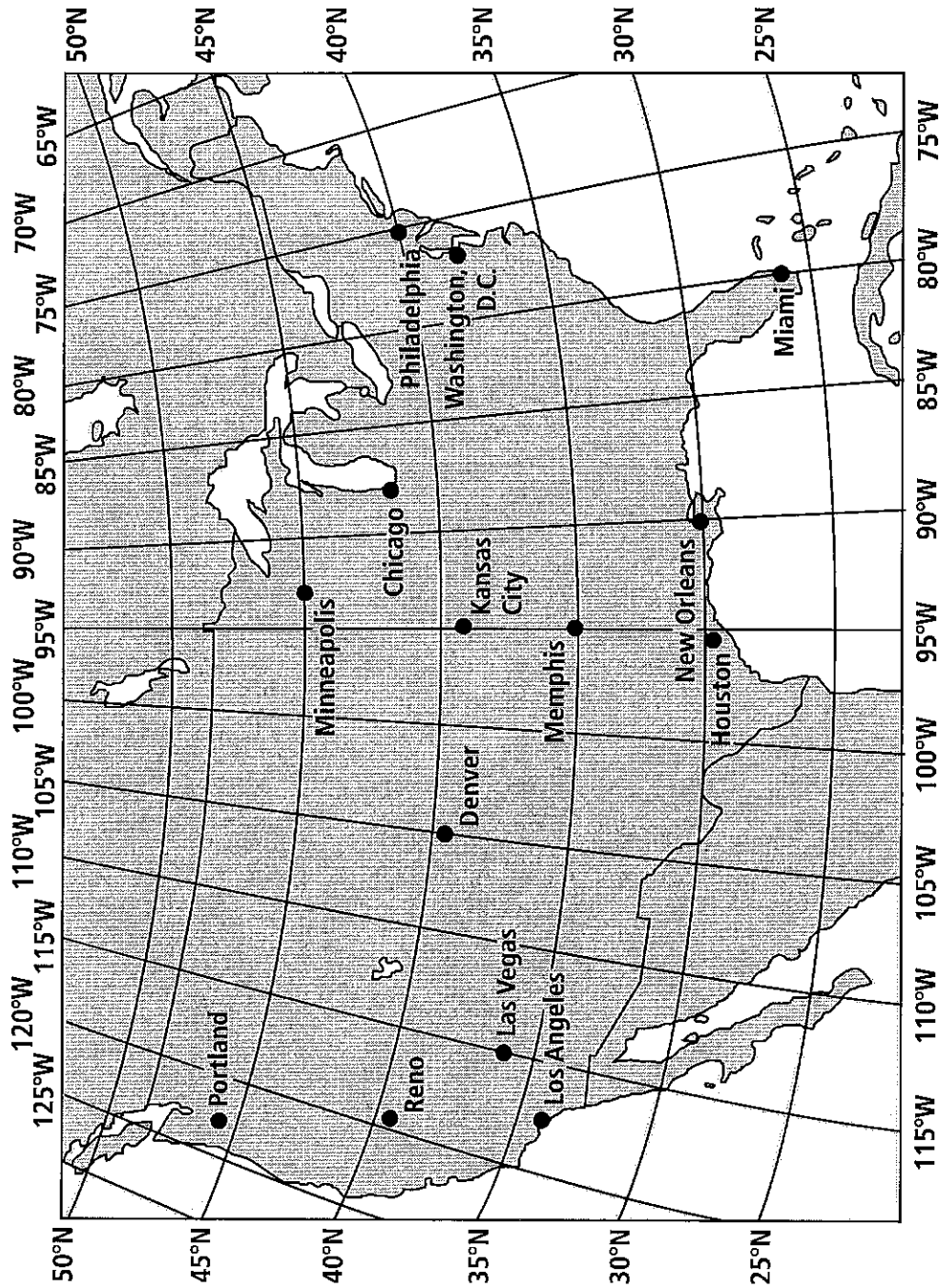


Use with Chapter 2
Section 2.1

Mapping Latitude and Longitude



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Mapping Latitude and Longitude

NOTE: 111 kilometer = 1 degree

1. What is the latitude and longitude (to the nearest degree) of the following cities?

Kansas City _____ Philadelphia _____

Reno _____ Minneapolis _____

2. Use the map to find the names of cities with the following coordinates.

30°N, 96°W _____ 35°N, 95°W _____

26°N, 80°W _____ 42°N, 88°W _____

3. How many kilometers north of the equator is Washington, D.C.? Show your work. NOTE: 111 kilometer = 1 degree

4. How many kilometers south of the north pole is Portland? Show your work. NOTE: 111 kilometer = 1 degree

5. Approximately how far north of Houston is Kansas City? Use degrees of latitude to calculate your answer. Show your work. NOTE: 111 kilometer = 1 degree

6. Which city is closer to Greenwich, England: Los Angeles or Xi'an, China (34°N, 109°E)? Explain your answer.

7. How many degrees of longitude separate Las Vegas from the International Date Line, which is at 180° longitude?
