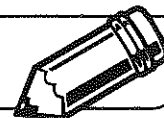


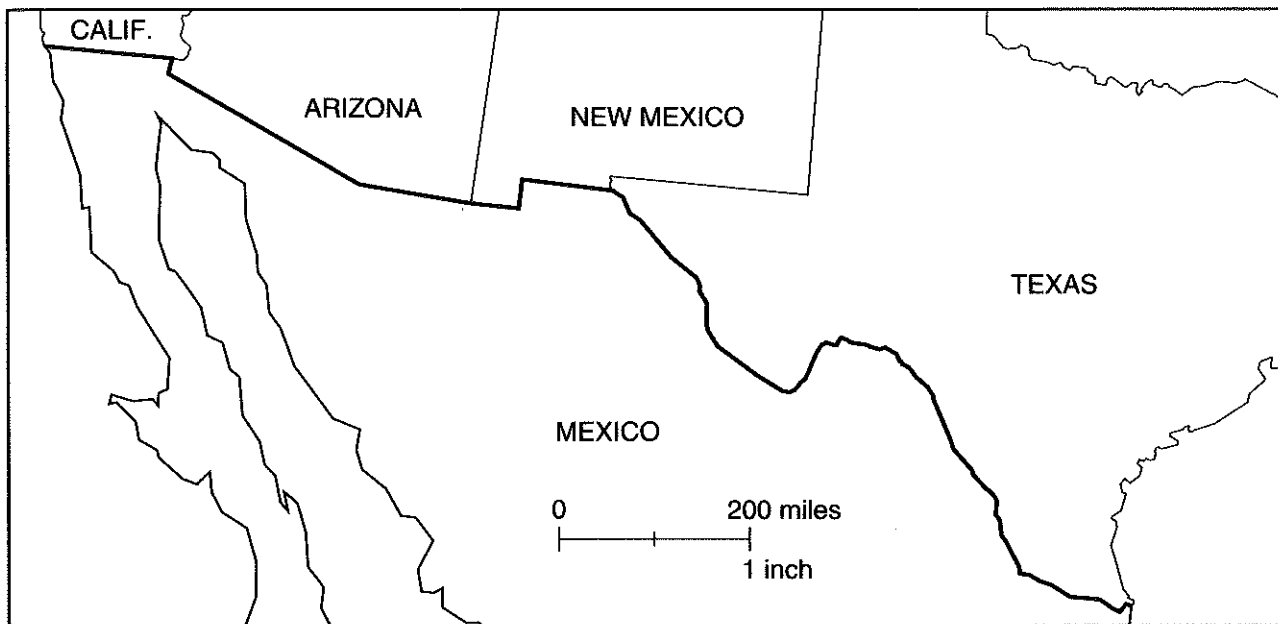
LESSON
4•3

Estimating Curved-Path Distances



Use a ruler, string, compass, paper and pencil, or any other tool.

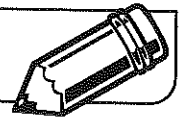
1. The map below shows the border between Mexico and the United States. Estimate the length of the border. _____ mi



2. a. Estimate the lengths of the following rivers. Use the map on pages 386 and 387 of the *Student Reference Book*.

River	Length (miles)
Arkansas (CO, KS, OK, and AR)	
Missouri (MT, ND, SD, NE, IA, KS, and MO)	
Brazos (NM and TX)	
Chattahoochee (GA, AL, FL)	

- b. Explain how you found the length of the Chattahoochee River.

LESSON
4•3**A Trip through the Panama Canal**

The Panama Canal crosses the country of Panama near its capital city, Panama City. The canal connects the Atlantic Ocean and the Pacific Ocean.

Pretend that you will travel by ship from New York, through the Panama Canal, to Los Angeles.

1. Use the map below to decide on a route your ship will take. Then use a pencil to draw this route on the map.
2. Estimate the length of the route you have chosen. Use a ruler, string, compass, paper and pencil, or any other tool. _____ mi
3. How much longer is your route than the straight-line distance from New York to Los Angeles? _____ mi

