

Name _____

Block _____

Scale Factor- US Map

Part 1: Complete the table below by estimating the distance, in miles, between the given cities. Be sure to show all your work in the space provided. (Draw a line connecting the two cities, to help you better calculate the distance on the map.)

The scale factor of the map is _____.

City 1	City 2	Distance on Map	Work	Estimate of actual distance
Trenton, NJ	Harrisburg, PA			
Baton Rouge, LA	Austin, TX			
Washington, DC	Sacramento, CA			
Olympia, WA	Tallahassee, FL			
St. Paul, MN	Baton Rouge, LA			
Pick your own:	Pick your own:			
Pick your own:	Pick your own:			

Part 2: Calculate the distance the cities would be on the map, based on their actual distance. (Use the same scale factor from part 1).

1) The distance from London, England to New York City is about 3472 miles. If they were both on this map, how far apart would they be on it?

2) The distance from Greenland to Antarctica is about 11115 miles. If they were both on this map, how far apart would they be on it?

3) The distance from the Eiffel Tower (Paris, France) to the Washington Monument (Washington, DC) is about 3841 miles. If they were both on this map, how far apart would they be on it?

4) The distance from Miss Kamin's house to Crossroads North is about 10 miles. If they were both on this map, how far apart would they be on it?

STATE CAPITALS

