

Name _____

Period _____

ARE WE THERE YET?

- A) Identify the scale on the map of the **SALT LAKE CITY** area. Write a ratio comparing the number of centimeters on the map to the actual distance it represents.
- B) Measure (in centimeters) the distance from East Millcreek to Riverton. Measure from the center of the words.
- C) We want to find the actual distance between these cities. Write a proportion using the map scale and our map measurement. Now solve the proportion to find the actual distance.

Using proportions and the map of the **SALT LAKE CITY** area, find the actual distance between the cities.

1. Kearns to Midvale

2. Kearns to Orem

3. Farmington to Bountiful

4. Midvale to Farmington

5. Antelope Island State Park to Kearns 6. American Fork to Jordanelle State Park

7. Murray to American Fork

8. Orem to Farmington

Now use the map of the **UNITED STATES**. Because this is a different map, you will need to use a different scale. Find the scale of the **UNITED STATES** map now. You will use this scale for problems 9-14.

9. Salt Lake City to Boise

10. Salt Lake City to New York

11. Seattle to Spokane

12. Los Angeles to San Diego

13. Boston to Chicago

14. Orlando to San Francisco

Your family decides to drive to Boise. It takes you 5 hours and 20 minutes to travel 339 miles. Why is this distance different from your calculations in #9?