

1-31-19

Aim: SWBAT review using a ruler as a measurement tool.

HW: Finish Packets Page 8

Do Now: Turn to Packet Page 8

Extra Practice: Use the given map and map scale to answer questions. You will need your ruler!



10. Use a proportion to approximate the actual distance between Dallas, TX and Denver, CO.

let $x = \#$ of miles

$$\frac{\frac{1}{4} \text{ in.}}{85 \text{ mi}} = \frac{1 \frac{1}{4} \text{ in.}}{x \text{ mi}}$$

$$\frac{1}{4} \cdot \frac{1}{85} x = \frac{1 \frac{1}{4}}{85} \cdot \frac{1}{4}$$

$$x = 425$$

The actual distance is 425 miles.

11. Use a proportion to approximate the actual distance between St. Louis, MO and Reno, NV.

12. Use a proportion to approximate the actual distance between Seattle, WA and Buffalo, NY.

13. You take a flight from Buffalo, NY and have a stopover in St. Louis, MO. You then get on another plane to fly from St. Louis to Seattle, WA. What is the total distance covered in this trip?

$$\begin{array}{r} \text{Buffalo to St. Louis} - 1 \frac{5}{16} \\ \text{St. Louis to Seattle} - 3 \frac{6}{16} \\ \hline 4 \frac{11}{16} \end{array}$$

Attachments



Ruler Reading