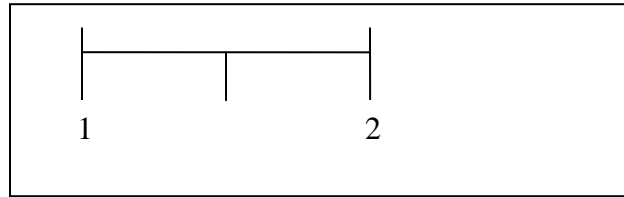


Using scales on a map: The purpose of having a scale on a map is to help travelers estimate the distance between two locations. The scale may look similar to the example below:



1 inch = 25 miles

TASK #1: If a map had this scale, find the estimated distance between these locations:

Tacoma and Port Angeles are 7 inches apart (on the map) How many miles? _____

Seattle and Portland are 12 inches apart (on the map) How many miles? _____

Sequim and Spokane are 475 miles apart. How many inches (on the map)? _____

If you need a more precise measurement of distance between two locations, one strategy is to use a piece of yarn. Place the yarn along the roads you would take to get to your destination. Cut the yarn (or use a marker) when it is lined up on your destination. The last step is to straighten the yarn out and measure it using the map scale. This will provide you with a more precise estimation of the distance between the two locations.

TASK #2: Place a piece of yarn/string on the road from city A to city B. Cut the yarn when it gets to City B. Measure the length of the piece of string using a ruler. For this task, 1 inch = 30 miles. Find the estimated distance from City A to City B.

