

Name \_\_\_\_\_

Hour \_\_\_\_\_

### Pre-Algebra Road Trip Project

This summer, your family has decided to take a road trip. You will start in Tulsa and travel to five other U.S. cities before returning to Tulsa. It is your job to decide what cities to visit and calculate how far you will travel.

**Step 1:** Plan your trip. You may only visit cities that are included on the given map. Choose which 5 cities you will be visiting during your summer vacation. Specify both the city and the state.

Starting City	Tulsa, Oklahoma
City #1	
City #2	
City #3	
City #4	
City #5	
Ending City	Tulsa, Oklahoma

**Step 2:** Using a ruler, draw a straight line connecting each city you will be visiting.  
(Draw a straight line from Tulsa to City #1. Then, draw a straight line from City #1 to City #2, etc.)

**Step 3:** Using the ruler, measure the length of the line connecting each city in your trip.  
**ROUND EACH DISTANCE TO THE NEAREST QUARTER INCH.** Fill out the following table:

Starting City	Ending City	Distance on Map (in Inches)
Tulsa, OK		
	Tulsa, OK	

**Step 4:** Use the scale on the map to write a ratio of distance on map to distance in real life. Your ratio should be written as a fraction. Be sure to include units.

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**Step 5:** Calculate the distance of each leg of your trip using the ratio you just found. Set up a proportion and cross multiply to find the distance in real life between each of the cities.

**ROUND TO THE NEAREST MILE.**

List 2 Cities and Distance in Inches	Proportion	Show Work	Distance in Miles

**Step 6:** Find the total distance traveled during your road trip.