

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **“AROUND THE US IN ~~80~~ DAYS”**

### **DAY 1**

1. Write out in order the places that the travelers visited:

Stop #1: _____	Stop #2: _____
Stop #3: _____	Stop #4: _____
Stop #5: _____	Stop #6: _____
Stop #7: _____	Stop #8: _____

2. Measure the distance from stop to stop rounding to the nearest  $\frac{1}{4}$  inch and  $\frac{1}{2}$  cm. Use a proportion & scale drawings to find the actual distances from stop to stop, using kilometers and miles

$\frac{1 \text{ in.}}{200 \text{ mi}} = \frac{\text{distance you measured in inches}}{x \text{ total miles}}$
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$\frac{1 \text{ cm.}}{150 \text{ km}} = \frac{\text{distance you measured in cm.}}{x \text{ total kilometers}}$
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<p>Distance from Dallas to #1: _____ in.</p> <p>Write &amp; solve your proportion using miles:</p> <p style="text-align: center;">_____ = _____</p>   <p style="text-align: right;">Actual distance in miles: _____</p>
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<p>Distance from Dallas to #1: _____ cm.</p> <p>Write &amp; solve your proportion using kilometers:</p> <p style="text-align: center;">_____ = _____</p>   <p style="text-align: right;">Actual distance in kilometers: _____</p>
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Distance from #1 to #2: \_\_\_\_\_ in.

Write & solve your proportion using miles:

$$\text{_____} = \text{_____}$$

Actual distance in miles: \_\_\_\_\_

Distance from #1 to #2: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

$$\text{_____} = \text{_____}$$

Actual distance in kilometers: \_\_\_\_\_

Distance from #2 to #3: \_\_\_\_\_ in.

Write & solve your proportion using miles:

$$\text{_____} = \text{_____}$$

Actual distance in miles: \_\_\_\_\_

Distance from #2 to #3: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

$$\text{_____} = \text{_____}$$

Actual distance in kilometers: \_\_\_\_\_

Distance from #3 to #4: \_\_\_\_\_ in.

Write & solve your proportion using miles:

$$\text{_____} = \text{_____}$$

Actual distance in miles: \_\_\_\_\_

Distance from #3 to #4: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

$$\text{_____} = \text{_____}$$

Actual distance in kilometers: \_\_\_\_\_

Distance from #4 to #5: \_\_\_\_\_ in.

Write & solve your proportion using miles:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in miles: \_\_\_\_\_

Distance from #4 to #5: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in kilometers: \_\_\_\_\_

Distance from #5 to #6: \_\_\_\_\_ in.

Write & solve your proportion using miles:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in miles: \_\_\_\_\_

Distance from #5 to #6: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in kilometers: \_\_\_\_\_

Distance from #6 to #7: \_\_\_\_\_ in.

Write & solve your proportion using miles:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in miles: \_\_\_\_\_

Distance from #6 to #7: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

\_\_\_\_\_ = \_\_\_\_\_

Actual distance in kilometers: \_\_\_\_\_

Distance from #7 to #8: \_\_\_\_\_ in.

Write & solve your proportion using miles:

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Actual distance in miles: \_\_\_\_\_

Distance from #7 to #8: \_\_\_\_\_ cm.

Write & solve your proportion using kilometers:

$$=$$

Actual distance in kilometers: \_\_\_\_\_

Name:

Date:

## **“AROUND THE US IN ~~80~~ DAYS”**

### **DAY 2**

1. Write the **TOTAL DISTANCE OF THE TRIP IN MILES** HERE: \_\_\_\_\_

**This is how your fraction  
should be set up:**

part of the trip  
**whole trip**

Determine what fraction of the trip is from Dallas to Stop #1. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #1 to Stop #2. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #2 to Stop #3. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #3 to Stop #4. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #4 to Stop #5. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #5 to Stop #6. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #6 to Stop #7. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

Determine what fraction of the trip is from Stop #7 to Stop #8. Show your work below:

Turn your fraction into a decimal.

Now, turn your decimal into a %.

2. Using all of the % from part 1, create a circle graph using your data in the box below.

Stops	%	Color
Dallas - #1		
#1 - #2		
#2 - #3		
#3 - #4		
#4 - #5		
#5 - #6		
#6 - #7		
#7 - #8		

