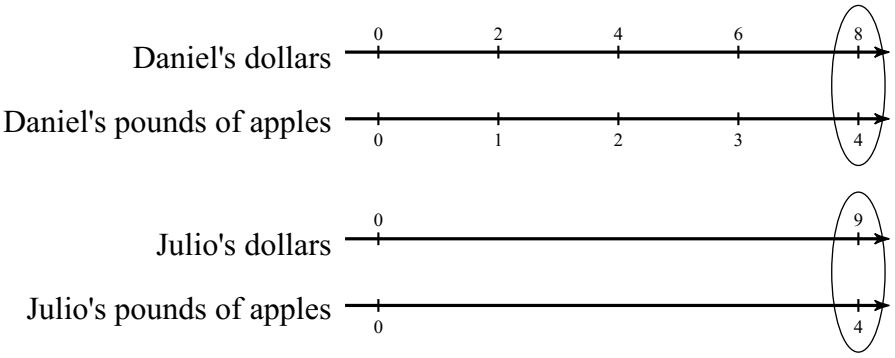
 Name_____

Comparing Rates

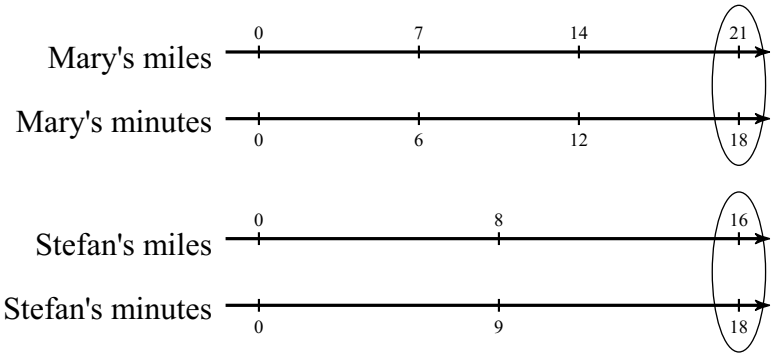
Date_____ Period____

Solve each problem. Two double number lines representing the two rates are provided.

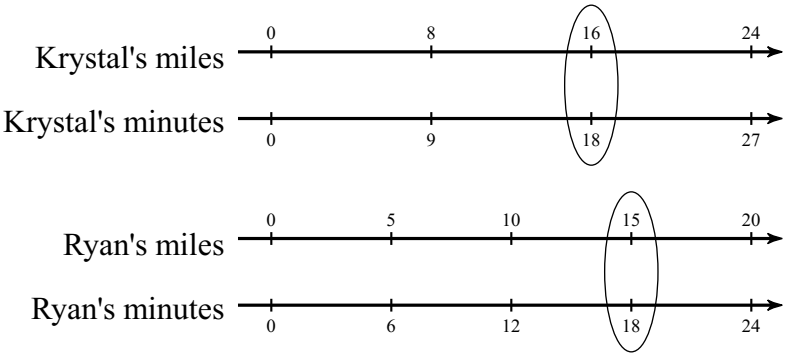
1) Daniel bought 1 pound of apples for $2. Julio bought 4 pounds of apples for $9. Who paid the higher unit price?



2) Mary's car traveled 7 miles in 6 minutes at a constant speed. Stefan's car traveled 8 miles in 9 minutes at a constant speed. Whose car traveled faster?



3) Krystal's car traveled 24 miles in 27 minutes at a constant speed. Ryan's car traveled 20 miles in 24 minutes at a constant speed. Whose car traveled slower?



For each problem, sketch two double number lines to represent the two rates and then solve the problem.

4) Julia bought 3 pounds of avocados for $8. Lisa bought 1 pound of avocados for $2. Who paid the lower unit price?

5) Darryl's high-speed train traveled 9 miles in 4 minutes at a constant speed. Alberto's high-speed train traveled 5 miles in 3 minutes at a constant speed. Whose high-speed train traveled slower?

Solve each problem.

6) Jill bought 8 pounds of bananas for $3. Norachai bought 2 pounds of bananas for $1. Who paid the lower unit price?

7) Aliyah's train traveled 6 miles in 5 minutes at a constant speed. Mei's train traveled 9 miles in 8 minutes at a constant speed. Whose train traveled slower?

Kuta Software - Infinite Grade 6 Math Name_____

Comparing Rates

Date_____ Period____

Solve each problem. Two double number lines representing the two rates are provided.

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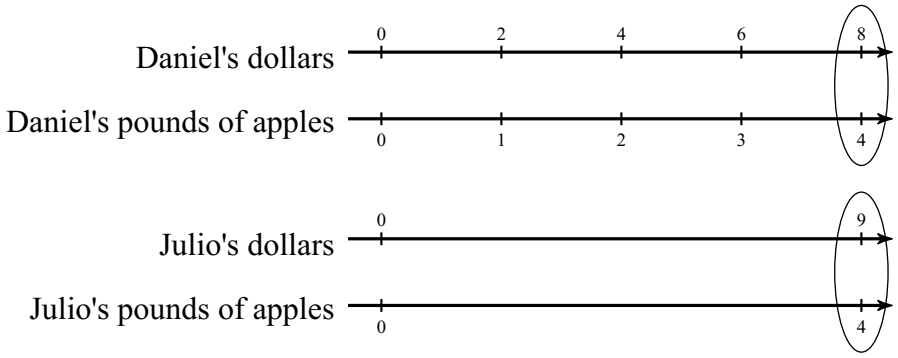
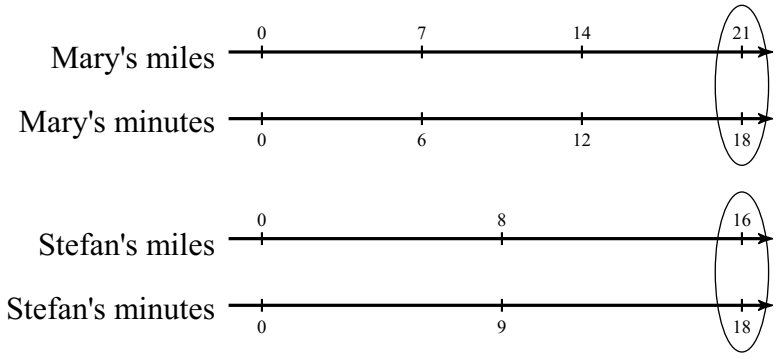


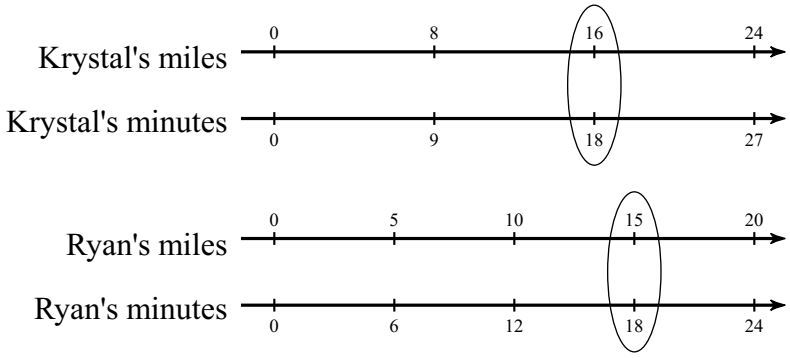
Julio

2) Mary's car traveled 7 miles in 6 minutes at a constant speed. Stefan's car traveled 8 miles in 9 minutes at a constant speed. Whose car traveled faster?



Mary's

3) Krystal's car traveled 24 miles in 27 minutes at a constant speed. Ryan's car traveled 20 miles in 24 minutes at a constant speed. Whose car traveled slower?



Ryan's

For each problem, sketch two double number lines to represent the two rates and then solve the problem.

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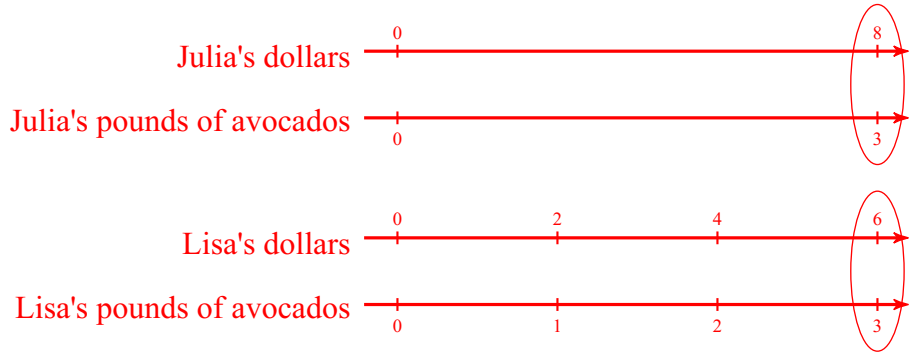
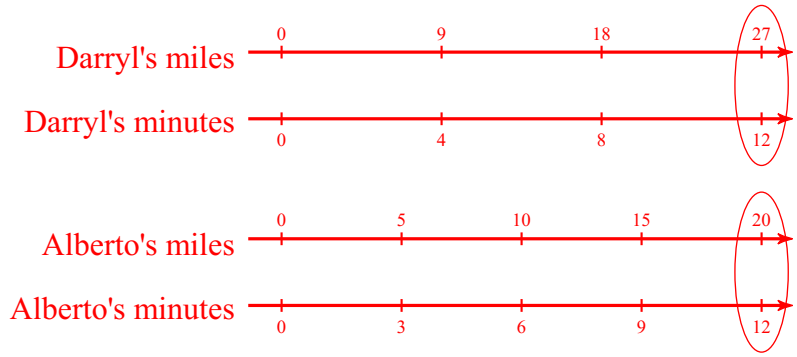


Lisa

5) Darryl's high-speed train traveled 9 miles in 4 minutes at a constant speed. Alberto's high-speed train traveled 5 miles in 3 minutes at a constant speed. Whose high-speed train traveled slower?



Alberto's

Solve each problem.

6) Jill bought 8 pounds of bananas for $3. Norachai bought 2 pounds of bananas for $1. Who paid the lower unit price?

Jill

7) Aliyah's train traveled 6 miles in 5 minutes at a constant speed. Mei's train traveled 9 miles in 8 minutes at a constant speed. Whose train traveled slower?

Mei's