Name _____ Date _____

Performance Task: 3.3H
Comparing Fractions: Racing to Cali's House

Three friends are racing from school to Cali's house. The table below shows what fraction of the total distance each of the three friends has gone so far.

Friend	Fraction of total distance
Fred	$\frac{1}{4}$
Cali	$\frac{1}{3}$
Juan	$\frac{1}{6}$

Which of the three friends is closest to the school? Which of the three friends is closest to Cali's house? Compare these two fractions using the less than symbol and describe what the statement means. Justify your reasoning.

Procedural	0	1	2
Conceptual	0	1	2
Communication	0	1	2

Total points:_____

Name _____ Date _____

Performance Task: 3.3H
Comparing Fractions: Racing to Cali's House

Two friends are racing from school to Cali's house. The table below shows what fraction of the total distance each of the two friends has gone so far.

Friend	Fraction of total distance
Fred	$\frac{1}{2}$
Cali	$\frac{1}{6}$

Which of the two friends is closest to the school? Compare the distance each friend has gone using the less than symbol and describe what that statement means. Justify your reasoning.

Procedural	0	1	2
Conceptual	0	1	2
Communication	0	1	2

Total points:_____

Name _____ Date _____

Performance Task: 3.3H
Comparing Fractions: Racing to Cali's House

Five friends are racing from school to Cali's house. The table below shows what fraction of the total distance each of the five friends has gone so far.

Friend	Fraction of total distance
Fred	$\frac{1}{4}$
Cali	$\frac{1}{3}$
Juan	$\frac{1}{6}$
Tim	$\frac{1}{8}$
Jessica	$\frac{1}{2}$

Which of the five friends is closest to the school? Which of the five friends is closest to Cali's house? Compare these two fractions using the less than symbol and describe what that statement means. Justify your reasoning.

Procedural	0	1	2
Conceptual	0	1	2
Communication	0	1	2

Total points:_____

Name _____ Date _____

Performance Task: 3.3H
Comparing Fractions: Racing to Cali's House

Three friends are racing from school to Cali's house. The table below shows what fraction of the total distance each of the three friends has gone so far.

Friend	Fraction of total distance
Fred	$\frac{1}{4}$
Cali	$\frac{1}{3}$
Juan	$\frac{1}{6}$

1. Use a number line to represent the total distance from school to Cali's house.

2. Represent the point halfway between school and Cali's house.

3. Partition the number line into fourths.

4. On the number line mark the distance Fred has traveled so far.

5. How many sixths are in one-half? Show this equivalency on the number line.

6. Partition the number line into sixths.

7. On the number line represent the distance Juan has traveled so far.

8. Describe the relationship between sixths and thirds.

9. Use this relationship to determine and mark on the number line the distance Cali has gone so far.

10. Which friend is closest to the school?

11. Which friend is closest to the Cali's house?

12. Use the less than symbol to compare these two fractions and describe what the statement means.