

Name _____

Date _____

Lesson 10: Writing and Interpreting Inequality Statements Involving Rational Numbers

Exit Ticket

Kendra collected data for her science project. She surveyed people asking them how many hours they sleep during a typical night. The chart below shows how each person's response compares to 8 hours (which is the answer she expected most people to say).

Name	Number of Hours (usually slept each night)	Compared to 8 hours
Frankie	8.5	0.5
Mr. Fields	7	-1.0
Karla	9.5	1.5
Louis	8	0
Tiffany	$7\frac{3}{4}$	$-\frac{1}{4}$

- a. Plot and label each of the numbers in the right-most column of the table above on the number line below.



- b. List the numbers from least to greatest.
- c. Using your answer from part (b) and inequality symbols, write one statement that shows the relationship among all of the numbers.