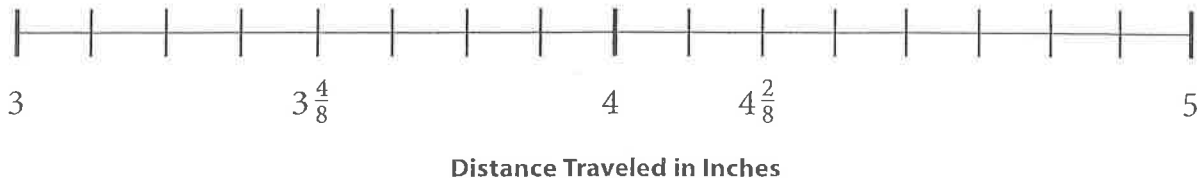NAME _____ | DATE _____

Snail Race

Cindy had a collection of snails. She wanted to see which snail could travel the farthest in one minute. Below is a table showing the distance each snail traveled.

Snail	Distance Traveled
A	$4\frac{1}{4}$ inches
B	$4\frac{7}{8}$ inches
C	$3\frac{3}{4}$ inches
D	$4\frac{1}{4}$ inches
E	$4\frac{5}{8}$ inches
F	$4\frac{1}{2}$ inches
G	$4\frac{3}{8}$ inches

1 Complete the line plot below to display the information shown in the chart and then answer the questions that follow. Be sure to finish labeling all of the marks along the line before you plot the data points.

Number of Snails

$3 \qquad 3\frac{4}{8} \qquad 4 \qquad 4\frac{2}{8} \qquad\qquad 5$

Distance Traveled in Inches

2 What is the shortest (*minimum*) distance?

3 What is the longest (*maximum*) distance?

4 What is the difference between the shortest and longest distance (*range*)? Show your work.

5 Which distance appears most often (*mode*)?

6 Which distance is the middle value of all the measurements (*median*)?