

Name \_\_\_\_\_ Date \_\_\_\_\_

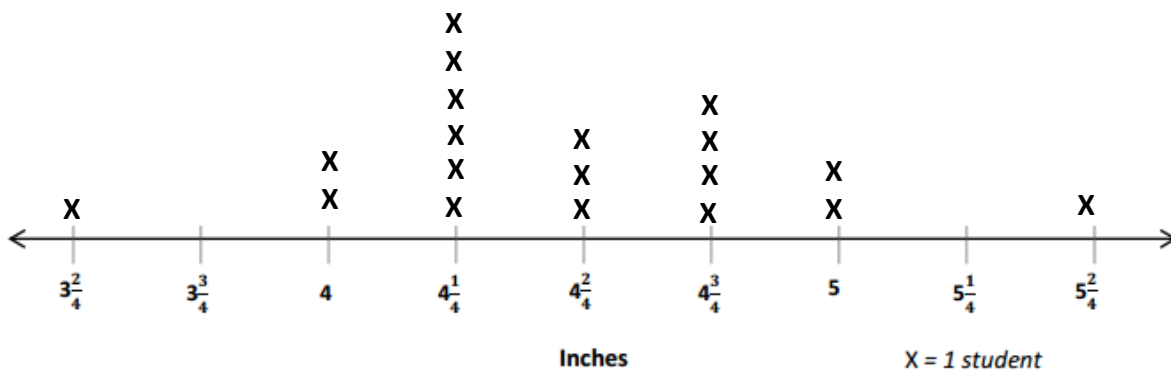
Javier marks a 3-inch paper strip into equal parts as shown below.



1. Label the whole and quarter inches on the paper strip.
2. Javier tells his teacher that his paper strip measures 3 inches. Sally says it measures 12 quarter inches. Explain how the two measurements are the same. Use words, pictures, or numbers.

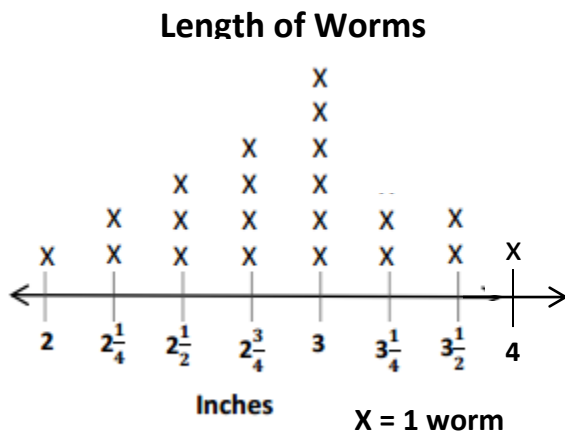
Ms. Winters measures the lengths of her third-grade students' hand in inches. The lengths are shown on the line plot below.

**Length of Hands of 3<sup>rd</sup> Graders**



3. How many students are in Ms. Winters' class? \_\_\_\_\_
4. How many hands are shorter than  $4\frac{1}{4}$  inches? \_\_\_\_\_
5. Crystal says that more students' hands are  $4\frac{1}{4}$  inches long than  $4\frac{3}{4}$  and 5 inches combined. Is she right? Explain your answer.

Miss Spring's class is studying worms. The lengths of the worms in inches are shown in the line plot below.



6. Find the three most frequent measurements on the line plot.

7. Find the difference between the lengths of the longest and shortest worm.

8. How many more worms were  $2\frac{3}{4}$  inches long than 4 inches?

Eraser Lengths (in inches)				
3	4	$4\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$
$3\frac{3}{4}$	$4\frac{1}{2}$	$3\frac{1}{4}$	4	$4\frac{3}{4}$
$4\frac{1}{4}$	5	3	$3\frac{1}{2}$	$4\frac{1}{2}$
$4\frac{3}{4}$	4	$3\frac{1}{4}$	5	$4\frac{1}{4}$

9. Use the data to complete the line plot below.

Title: \_\_\_\_\_

