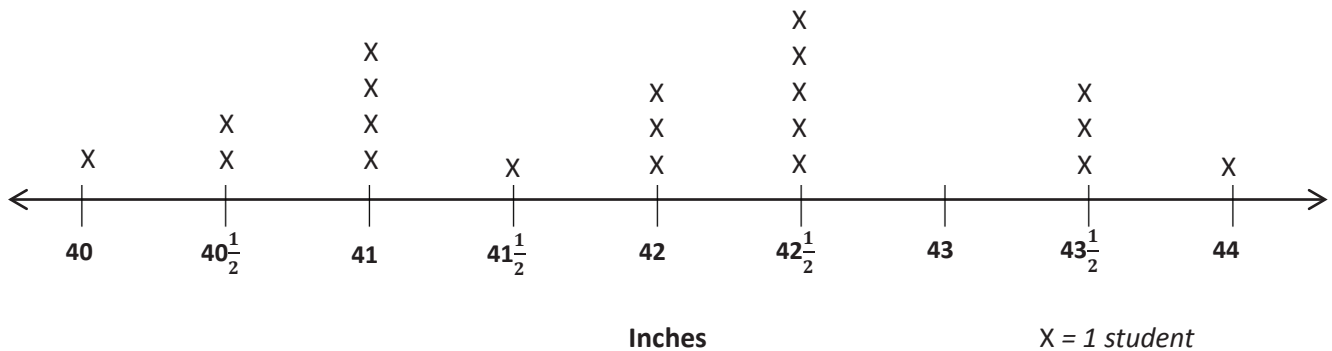


Name \_\_\_\_\_

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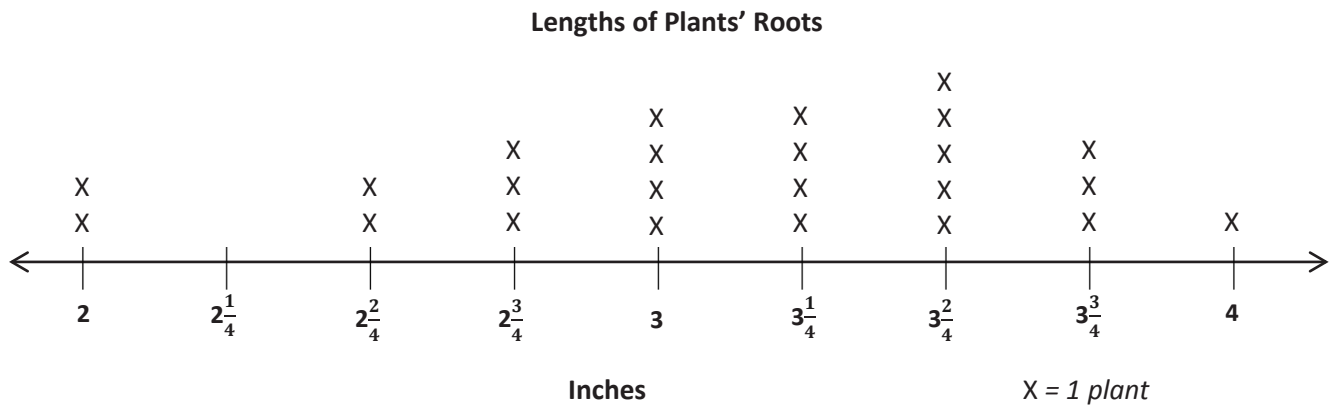
1. Ms. Leal measures the heights of the students in her kindergarten class. The heights are shown on the line plot below.

Heights of Students in Ms. Leal's Kindergarten Class



- How many students in Ms. Leal's class are exactly 41 inches tall?
- How many students are in Ms. Leal's class? How do you know?
- How many students in Ms. Leal's class are more than 42 inches tall?
- Ms. Leal says that for the class picture students in the back row must be at least  $42\frac{1}{2}$  inches tall. How many students should be in the back row?

2. Mr. Stein's class is studying plants. They plant seeds in clear plastic bags and measure the lengths of the roots. The lengths of the roots in inches are shown in the line plot below.



- a. How many roots did Mr. Stein's class measure? How do you know?
- b. Teresa says that the 3 most frequent measurements in order from shortest to longest are  $3\frac{1}{4}$  inches,  $3\frac{2}{4}$  inches, and  $3\frac{3}{4}$  inches. Do you agree? Explain your answer.
- c. Gerald says that the most common measurement is 14 quarter inches. Is he right? Why or why not?