

Beanstalk Leaf Line Plots

Module 4
Session 3

Today's Activities

- Discuss our line plot beanstalk data
- Practice creating another line plot
- Work Places

Beanstalk Leaf Line Plots

Now that we have collected data about our beanstalks and made a line plot of how far up Jim climbed our beanstalks, I am wondering about the leaves on our beanstalks and if we can learn something about all the different leaves you drew.

What do you notice about my leaves?



Another Beanstalk Line Plot - Student Book page 140



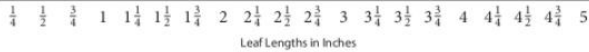
Another Beanstalk Line Plot

- 1 Record all the leaf measurements from your beanstalk in the table below. Then complete the line plot using an X for each leaf.

My Leaf Measurement Data in Inches (including fractions of an inch)									

Beanstalk Leaf Measurements to the Nearest Quarter-Inch

Number of Leaves (X = 1 leaf)



- 2 Use the data on your line plot to help answer the questions below.
- a How long was the longest leaf on your beanstalk? _____
 - b How long was the shortest leaf on your beanstalk? _____
 - c What was the most common measurement for your leaves? _____
 - d How many leaves did you have of that length? _____
 - e Did you have more leaves that were longer than $2\frac{1}{4}$ inches or shorter than $2\frac{1}{4}$ inches?
 - f How many of your leaves were longer than 3 inches? _____
 - g What does each x on your line plot stand for? _____

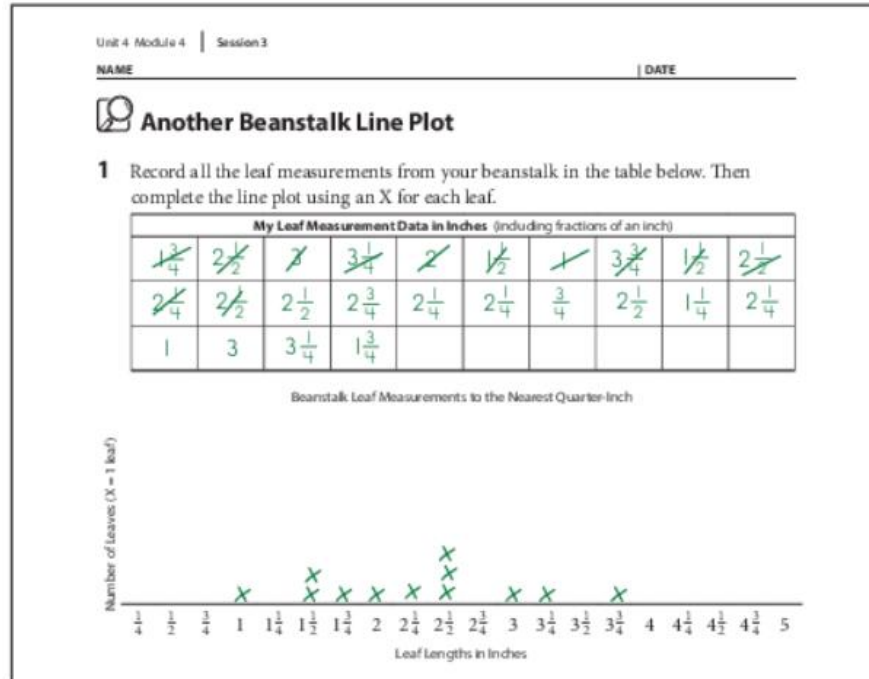
Share your observations about the sheet.

Watch as I begin to record all the measurements from my leaves into the data table. Record all the lengths, even if they repeat.

Now I will transfer the data to the line plot below.

Another Beanstalk Line Plot - Student Book page 140

Share your observations about my line plot.



Another Beanstalk Line Plot - Student Book page 140

Let's read and review the questions below.

- 2** Use the data on your line plot to help answer the questions below.
 - a** How long was the longest leaf on your beanstalk? _____
 - b** How long was the shortest leaf on your beanstalk? _____
 - c** What was the most common measurement for your leaves? _____
 - d** How many leaves did you have of that length? _____
 - e** Did you have more leaves that were longer than $2\frac{1}{4}$ inches or shorter than $2\frac{1}{4}$ inches?
 - f** How many of your leaves were longer than 3 inches? _____
 - g** What does each x on your line plot stand for? _____

Another Beanstalk Line Plot - Student Book page 140

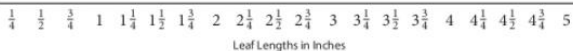
Another Beanstalk Line Plot

- 1 Record all the leaf measurements from your beanstalk in the table below. Then complete the line plot using an X for each leaf.

My Leaf Measurement Data in Inches (including fractions of an inch)									

Beanstalk Leaf Measurements to the Nearest Quarter-Inch

Number of Leaves (X = 1 leaf)



- 2 Use the data on your line plot to help answer the questions below.
- How long was the longest leaf on your beanstalk? _____
 - How long was the shortest leaf on your beanstalk? _____
 - What was the most common measurement for your leaves? _____
 - How many leaves did you have of that length? _____
 - Did you have more leaves that were longer than $2\frac{1}{4}$ inches or shorter than $2\frac{1}{4}$ inches?
 - How many of your leaves were longer than 3 inches? _____
 - What does each x on your line plot stand for? _____

Now it's your turn! Work with your partner and your beanstalk to complete the journal page.

Work Places

- 3C - Round Ball Hundreds
- 3D - Round & Add Hundreds
- 4A - Tic-Tac-Tok
- 4B - Measurement Scavenger Hunt
- 4C - Target One Thousand
- 4D - Heavagon Spin & Fill

Closing

- Clean up your supplies and hand in your beanstalks
- In the next session you will be taking the unit post-assessment.

Tonight's Home Connection will help you review some of the skills that will appear in the assessment.

Home Connection

Time & Fraction Review
pages 79 & 80

Optional

Complete Beanstalk Measurements on page 141 in your student book.