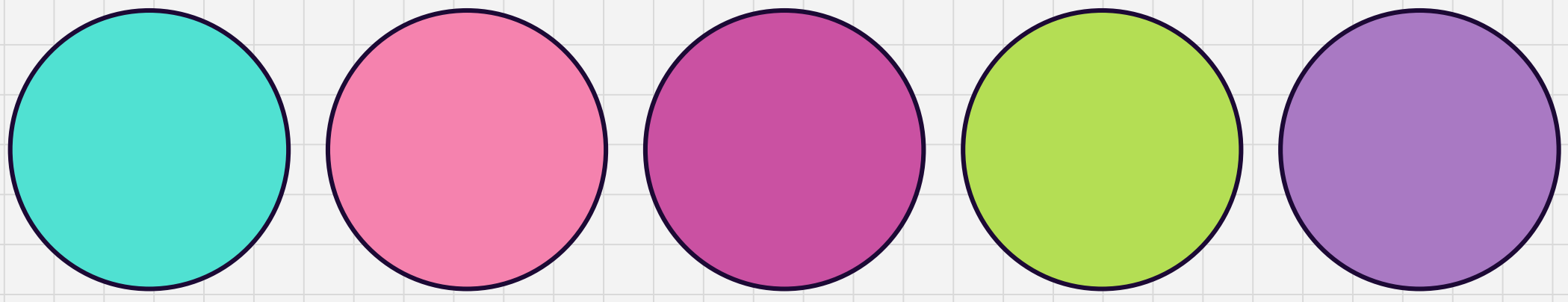




Unit 4, Module 4, Session 3

Beanstalk Leaf Line Plots





Learning Goal:

I can create a line plot to show my measurement data with a scale marked in quarter-inches.

I can answer questions about my measurement data.

Problems & Investigations

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?

I wonder how many of my leaves were close to 3 inches and how many were smaller or larger than that?





What do you notice about this Line Plot?

Let's fill out this page about my Beanstalk.



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)

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{4}$ $2\frac{1}{2}$ $2\frac{3}{4}$ 3 $3\frac{1}{4}$ $3\frac{1}{2}$ $3\frac{3}{4}$ 4 $4\frac{1}{4}$ $4\frac{1}{2}$ $4\frac{3}{4}$ 5

Leaf Lengths in Inches

Now, open your student books to page 140, and record your work from your beanstalk.

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? _____



Daily Practice

Must Do

- Student Book Page 141
- XtraMath

May Do

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

