Line Plots with Fractions

Today's Standard

4.MD.B4 - Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Solve problems involving addition and subtraction of fractions by using information presented in line plots. For example, from a line plot find and interpret the difference in length between the longest and shortest specimens in an insect collection.

Cues	Notes
Line Plot	A line plot is a graph that displays data along a number line.
Fractions	Fractions represent parts of a whole and can be used in data points.
Addition and Subtraction of Fractions	When adding or subtracting fractions, find a common denominator.
Data Interpretation	Line plots help visualize and interpret data, making it easier to solve problems.

Summary

Understanding how to create and interpret line plots with fractional data is essential for solving problems involving fractions. This includes adding and subtracting fractions and using the information to answer real-world questions.