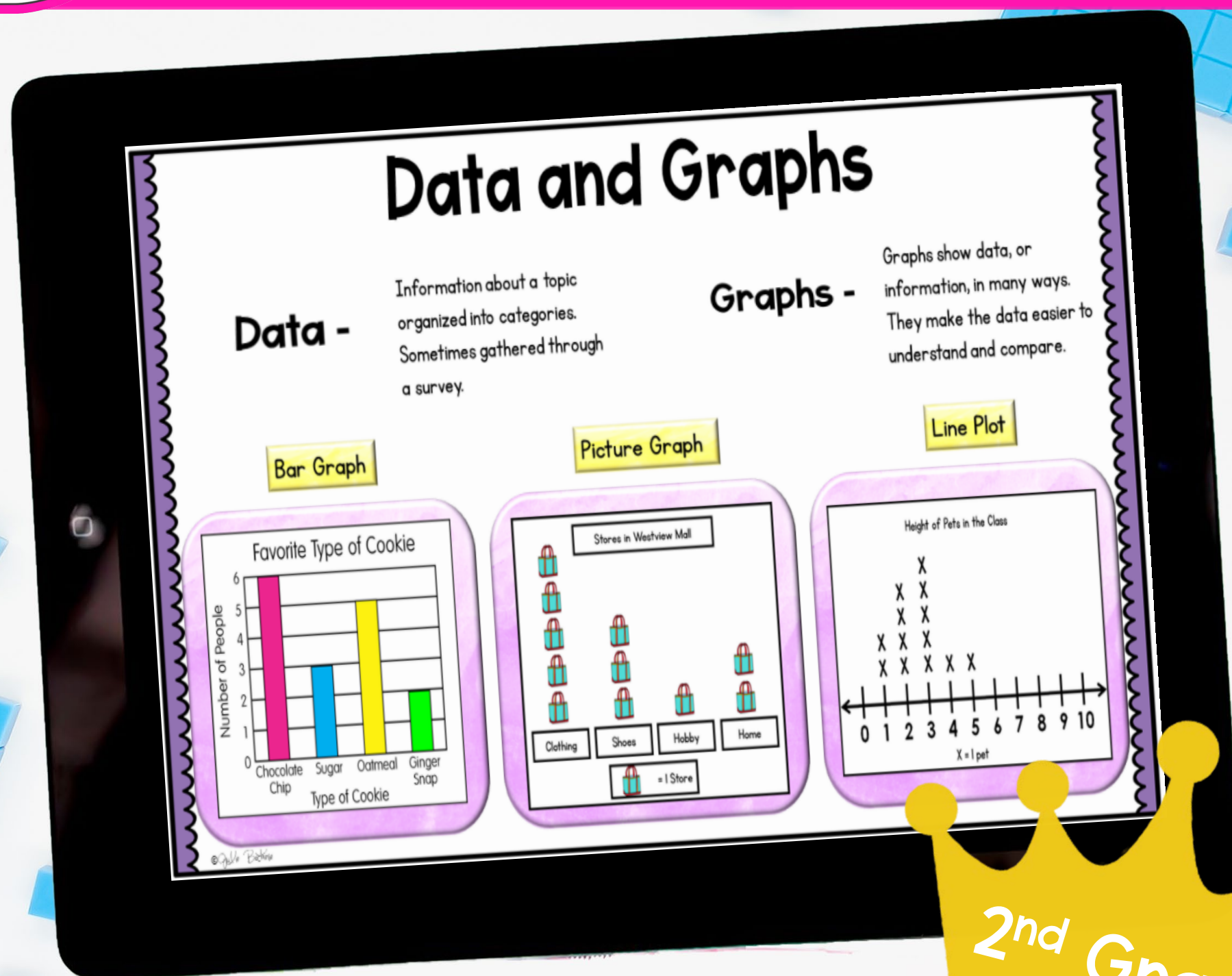




# Measurement Line Plots

## 2.MD.D.9



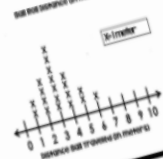
2nd Grade

Digital Lesson & Printable Recording Sheet

# Vocabulary

Match the vocabulary card to the definition.

## Line Plot



a graph that uses marks to record each piece of data above a number line

## Tally Chart

Height of students in room 45

Height in Feet	Tally Marks
2 Feet	
3 Feet	
4 Feet	
5 Feet	
6 Feet	

a table with tally marks to show a data set

## Data



facts and statistics collected for reference or analysis

## Compare



to describe similarities or differences



# Let's Watch!

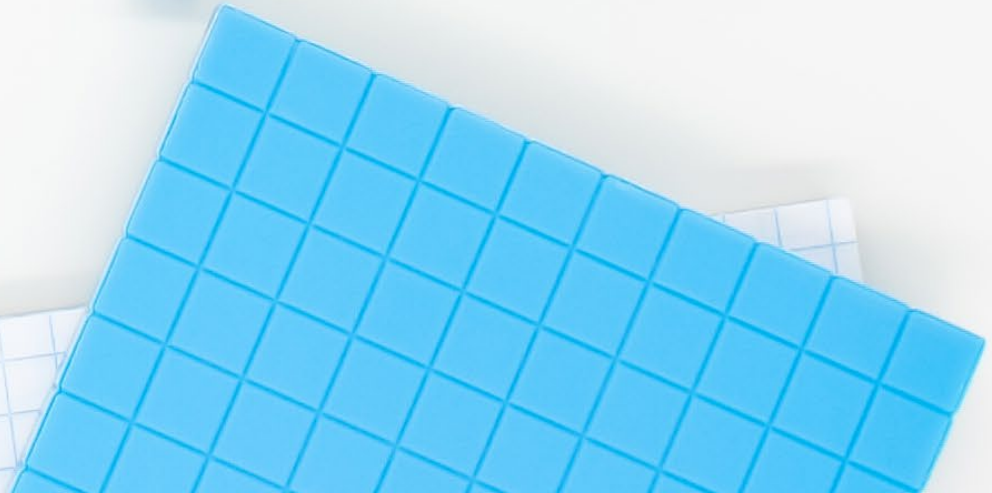
Click the TV to watch the video about line plots.



CENTIMETERS 2 3

20 21 22 23 24 25 26 27

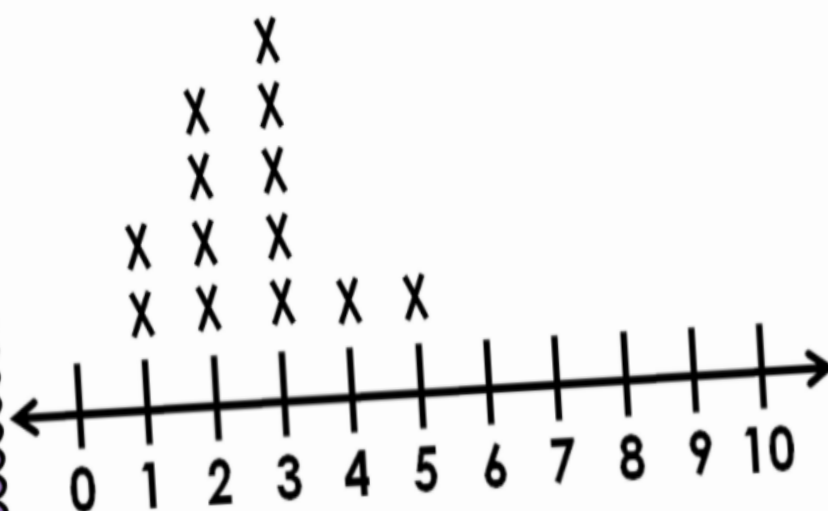
120 130 140 150 160 170 180  
0 INCHES  
10 20 30 40 50 60



# Reading Line Plots

You can use a line plot to compare numbers and answer questions about the data.

Height of Pets in the Class



X = 1 pet

1. How many students have pets that are 2 feet tall?

2. How many students have pets that are 3 feet or taller?

3. How many more students have a 3-foot pet than a 4-foot pet?

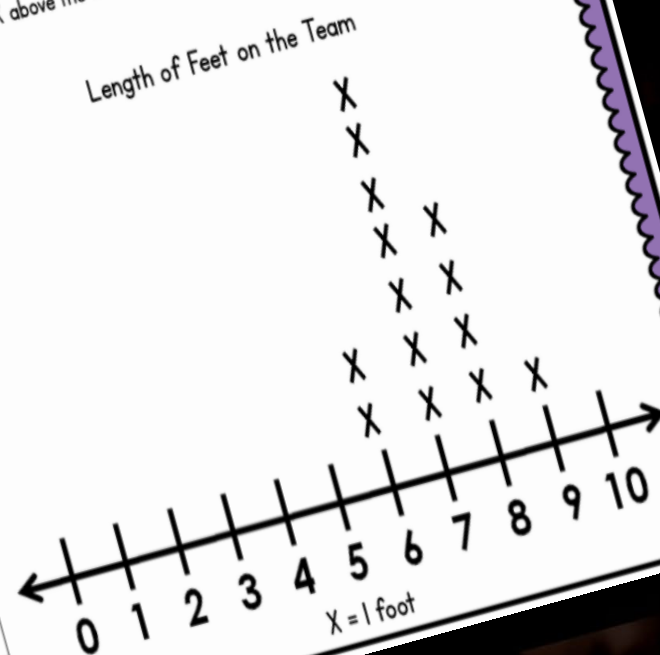


# Making A Line Plot

To make a line plot, use the tally marks in the chart. Place one X above the number on the line plot for each tally mark.

The kids on the Soccer Shots team measured the lengths of their feet. Use the data below to make a line plot.

Length in Inches	Tally Marks
6 inches	
7 inches	
8 inches	
9 inches	

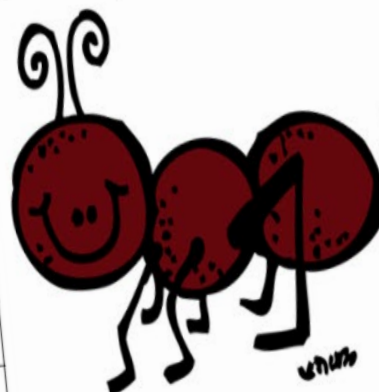




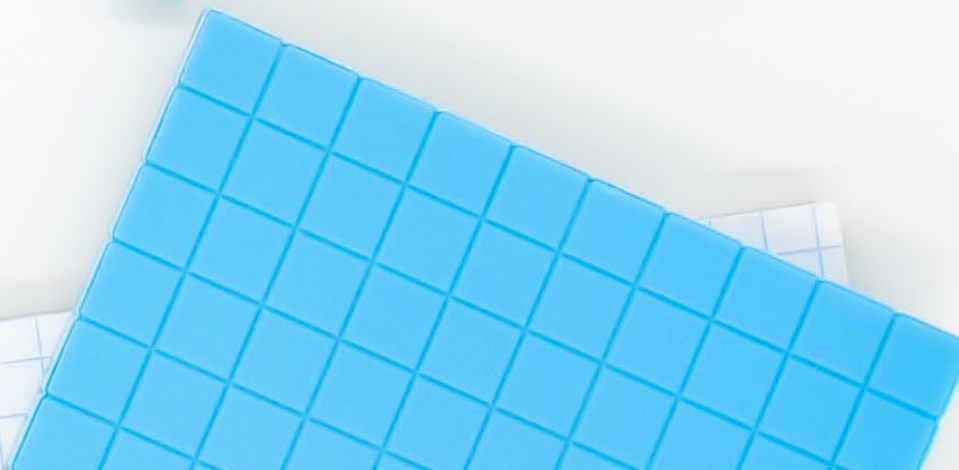
# Making a Line Plot

Use the ruler to measure the bugs below. Then put the measurements in the tally chart.

Length In Inches	Tally Marks
3 inches	
4 inches	
5 inches	
6 inches	



CENTIMETERS 2 3



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

## Line Plots Lesson Recording Sheet: Day 1

**Vocabulary:** Match the vocabulary words to the definition.

Line Plot

A graph that uses marks to record each piece of data above a number line

Tally Chart

Facts and statistics collected for reference or analysis

Data

To describe similarities and differences.

Compare

A table with tally marks to show a data set

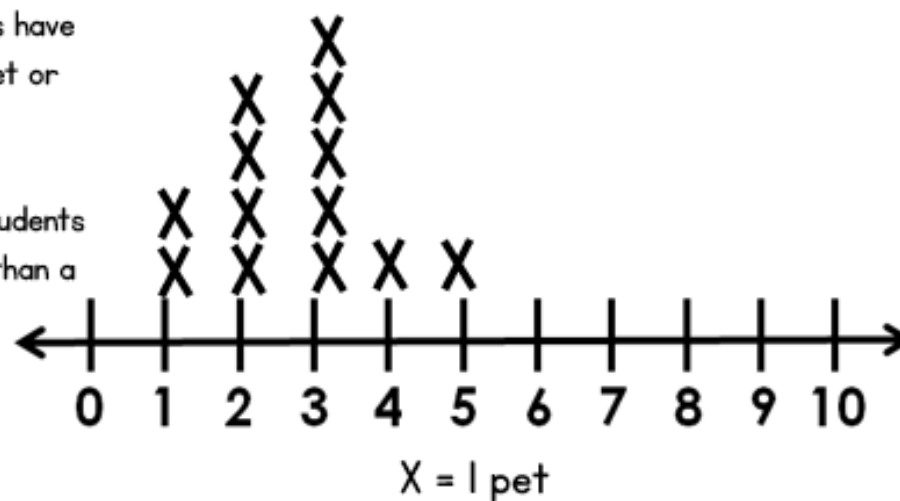
### Reading Line Plots

1. How many students have pets that are 2 feet tall?

Height of Pets in the Class

2. How many students have pets that are 3 feet or taller?

3. How many more students have a 3-foot pet than a 4-foot pet?





Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Line Plots Lesson Recording Sheet: Day 1

**Explore:** Look at the line plot and answer the questions about the data.

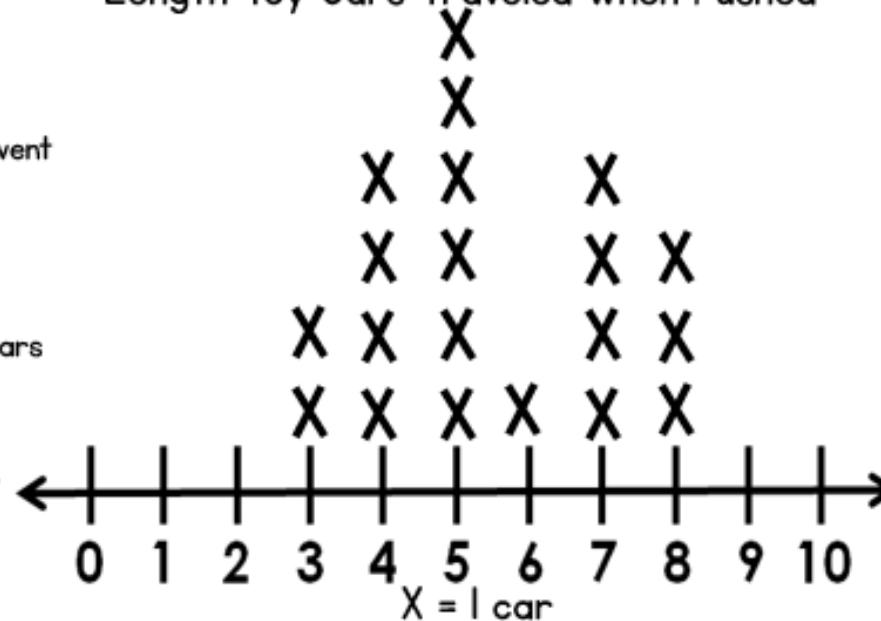
1. How many cars went 5 feet?

Length Toy Cars Traveled when Pushed

2. How many more cars went 7 feet than 4 feet?

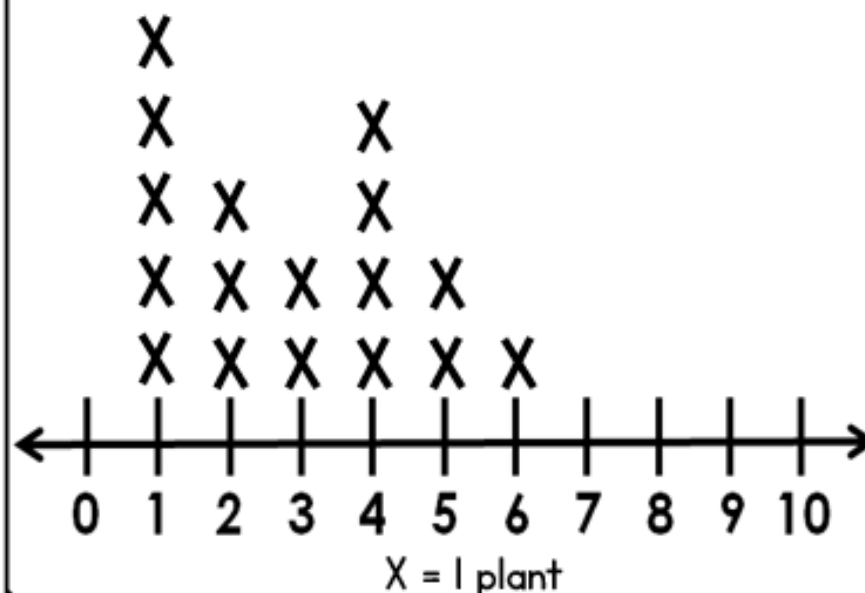
3. What was the most common distance the cars traveled?

4. How many cars went 7 feet or farther?



**Explore:** Look at the line plot and answer the questions about the data.

Height of Plants in the School Garden



1. How many plants are 2 feet?

2. How many more plants are 4 feet than 6 feet?

3. What is the height of the most plants?

3. How many plants were measured?