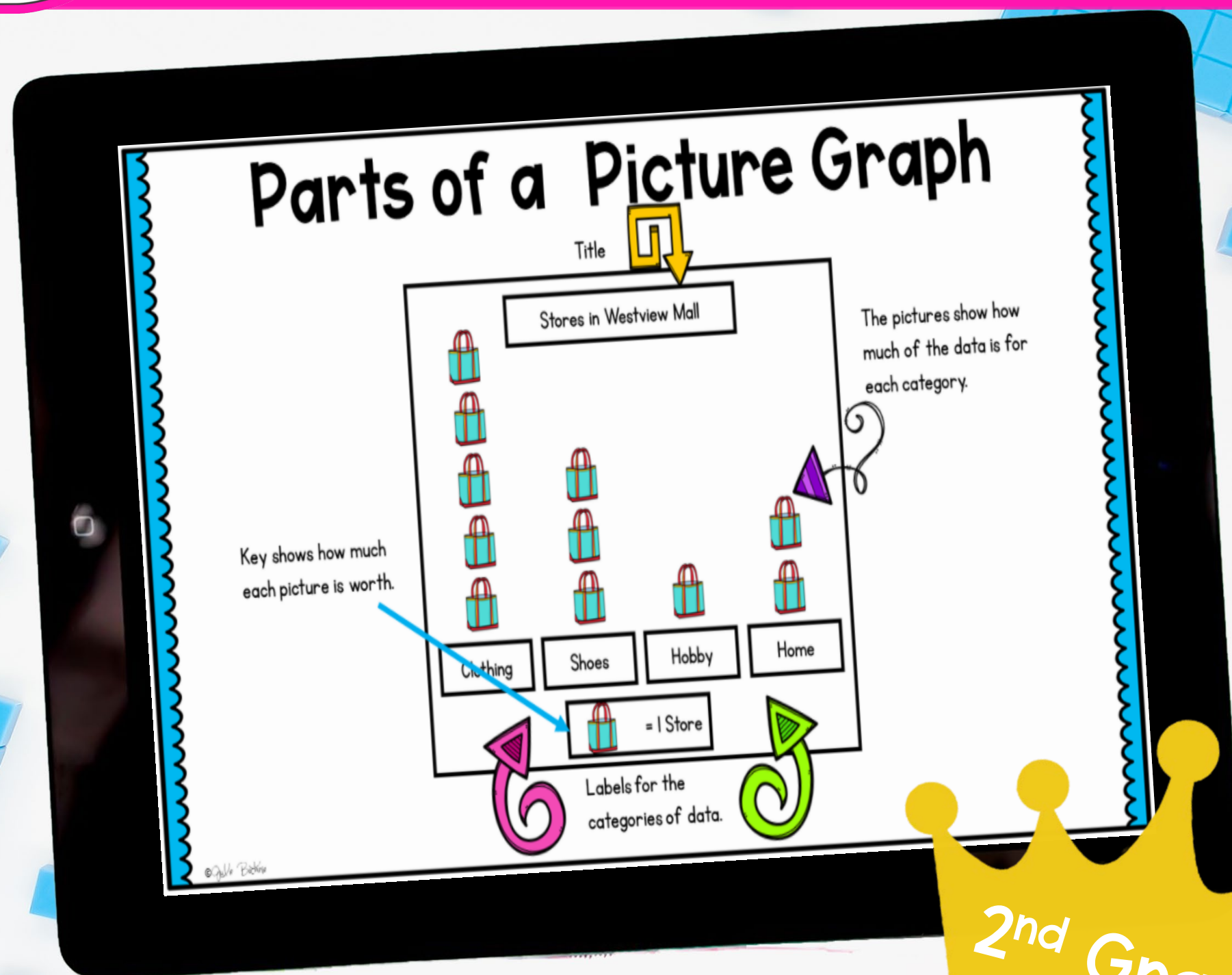




Bar Graphs and Picture Graphs

2.MD.D.10

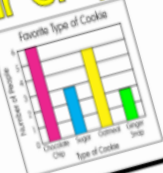


Digital Lesson & Printable Recording Sheet

Vocabulary

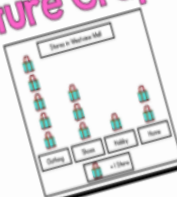
Match the vocabulary card to the definition.

Bar Graph



a graph that uses bars to show data in categories

Picture Graph



a graph that uses a picture to represent data in categories

Data

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

facts and statistics collected for reference or analysis

Compare



to describe similarities or differences

Let's Watch!

Watch the video to learn how to make a bar graph.



KIDS FUN MATH

Creating

BAR GRAPH

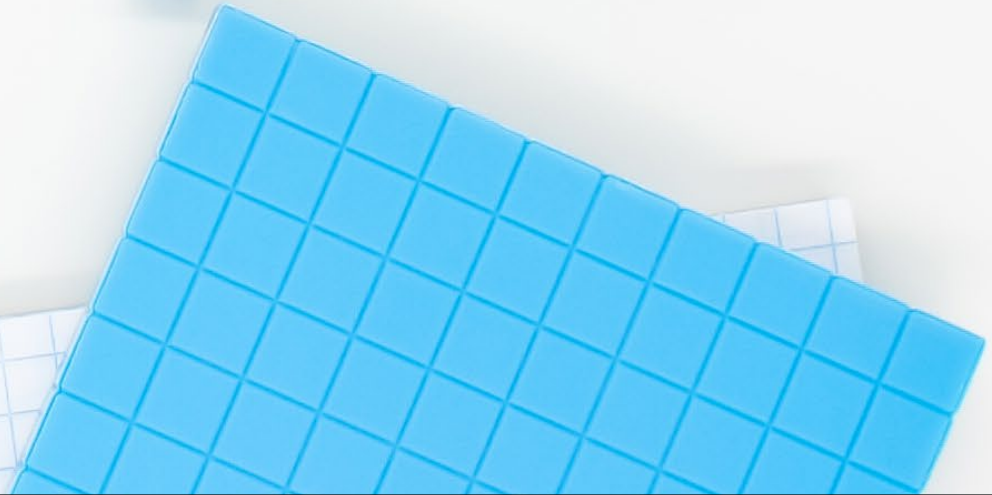


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CENTIMETERS 2 3

20 21 22 23 24 25 26 27

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



Reading a Bar Graph

You can use the information from the graph
to solve problems with the data.

Use the graph to answer these questions:

1. Which type of dessert did the most students vote for?

cake

2. Which type of dessert did the fewest students vote for?

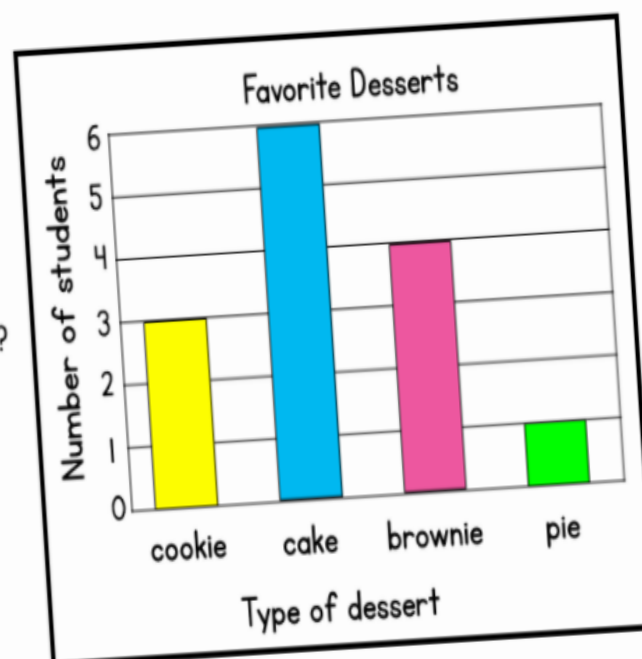
pie

3. How many more students voted for cake than pie?

5

4. How many students voted?

14



Making a Bar Graph

Make a bar graph with the following data.

Students voted on their favorite food. Their votes were as follows:

- Pizza - 7
- Chicken nuggets - 5
- Hamburger - 5
- Macaroni and cheese - 2

Label for what is being counted.

G

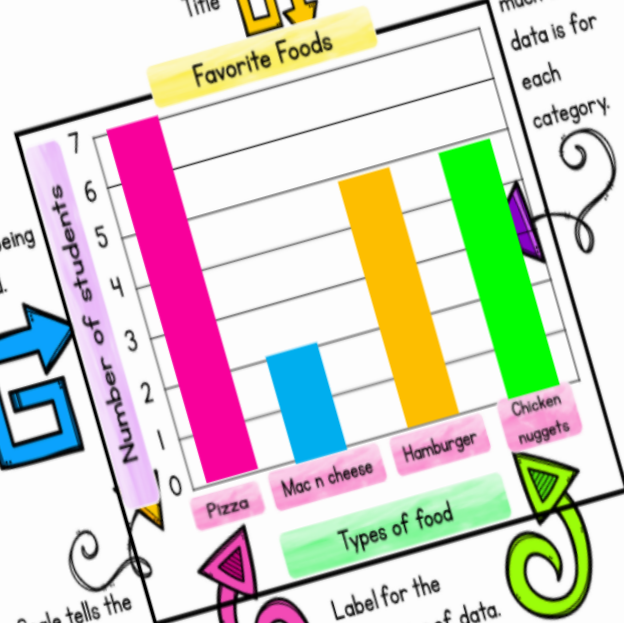
Scale tells the amount of data; it always starts at zero.

Title



Favorite Foods

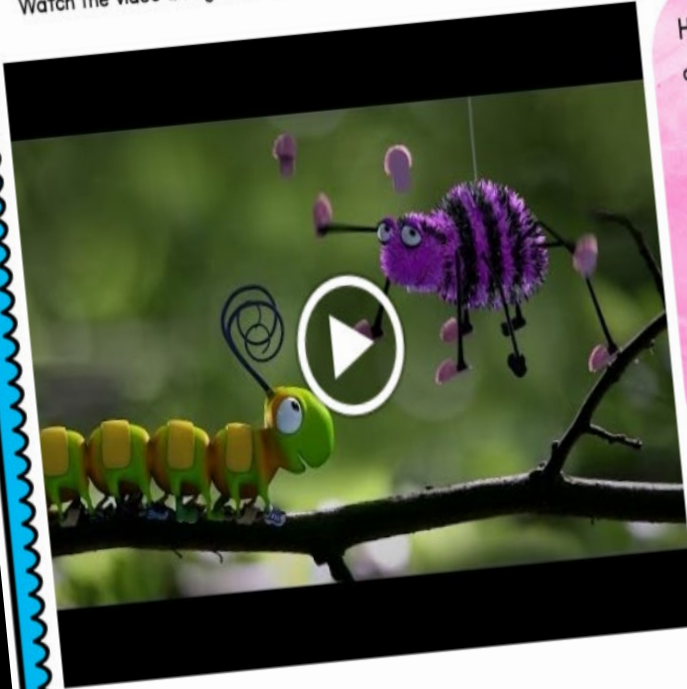
The bars show how much of the data is for each category.



Label for the categories of data.

Explore

Watch the video and gather your data for a bar graph.



How many pairs of each kind of shoe did the caterpillar give away?

• Clogs -

• Slippers -

• Sports pumps -

• Party shoes -



CENTIMETERS 2 3

19 20 21 22 23 24 25 26 27

120 130 140 150 160 170 180
0 INCHES
1 2 3 4 5 6 7 8 9 10

Name: _____ Date: _____

Bar & Picture Graphs Lesson Recording Sheet: Day 1

Vocabulary: Match the vocabulary words to the definition.

Bar Graph

A graph that uses bars to show data in categories

Picture Graph

Facts and statistics collected for reference or analysis

Data

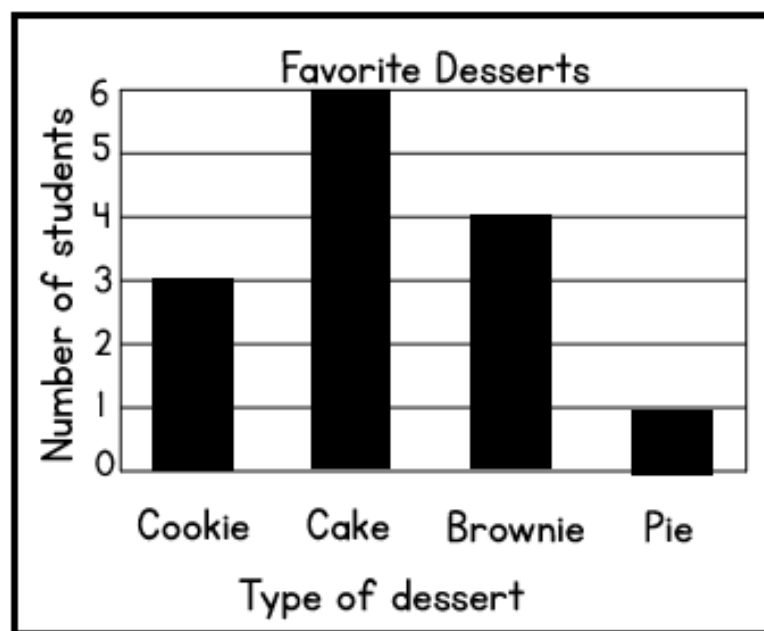
To describe similarities and differences.

Compare

A graph that uses a picture to represent data in categories.

Reading a Bar Graph

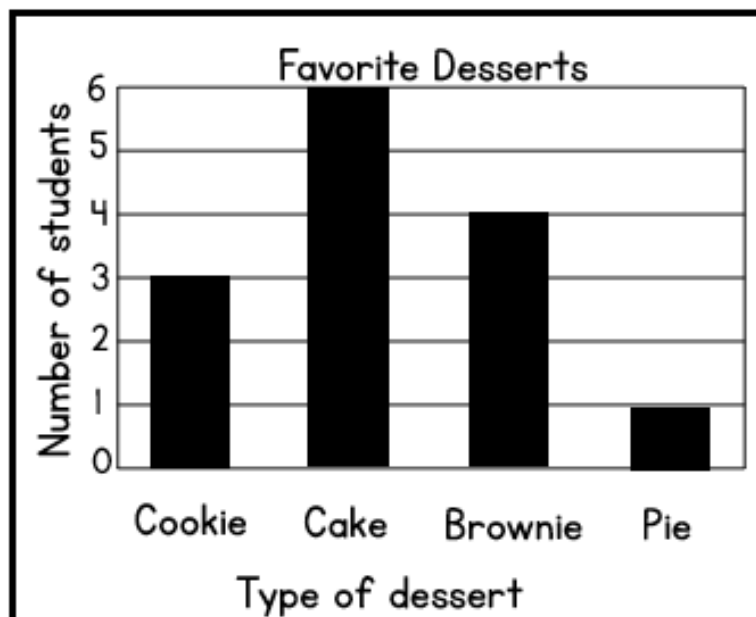
1. How many students voted for cookie?
2. How many students voted for cake?
3. How many students voted for brownie?
4. How many students voted for pie?



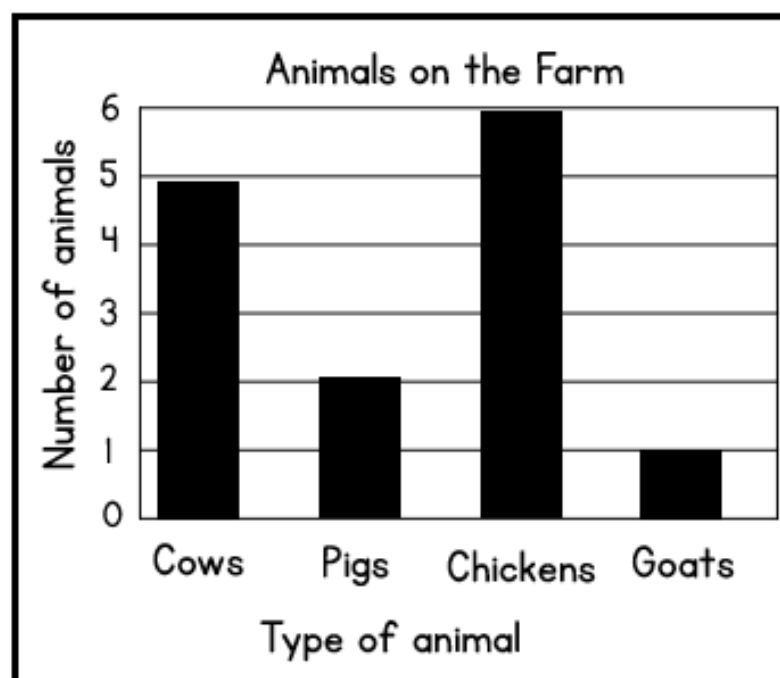
Name: _____ Date: _____

Bar & Picture Graphs Lesson Recording Sheet: Day 1

1. Which type of dessert did the most students vote for?
2. Which type of dessert did the fewest students vote for?
3. How many more students voted for cake than pie?
4. How many students voted?



Explore: Use the graph to answer the questions about the data.



1. How many cows are on the farm?
2. Which type of animal does the farm have the most of?
3. How many animals are on the farm total?
4. How many more chickens are on the farm than pigs?