











Read Picture Graphs

A **picture graph** uses pictures to show how many.
Count the  in each row.











Snack We Like						
	apple					
	pretzel					

Each  stands for 1 child who chose that snack.

There are 5 children who chose .

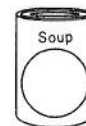
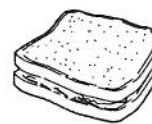
There are 3 children who chose .

Use the picture graph to answer each question.

What We Ate for Lunch							
	sandwich						
	soup						

Each  stands for 1 child.

1. Which lunch did more children choose? Circle.



2. How many children chose ? _____ children

3. How many children chose ? _____ children

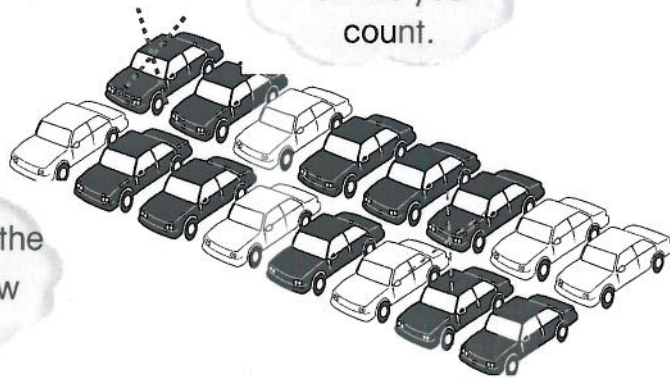
COMMON CORE STANDARD CC.1.MD.4
Represent and interpret data.




Make Picture Graphs

Are there more black cars or white cars?
Complete the picture graph to find out.

Cross out each car as you count.

Draw a ○ in the graph to show each car.



Black and White Cars										
 black										
 white										


Each ○ stands for 1 car.

Use the picture graph to answer each question.

1. How many  are there?

_____ 

2. How many  are there?


_____ 

3. Are there more  or ? Circle.

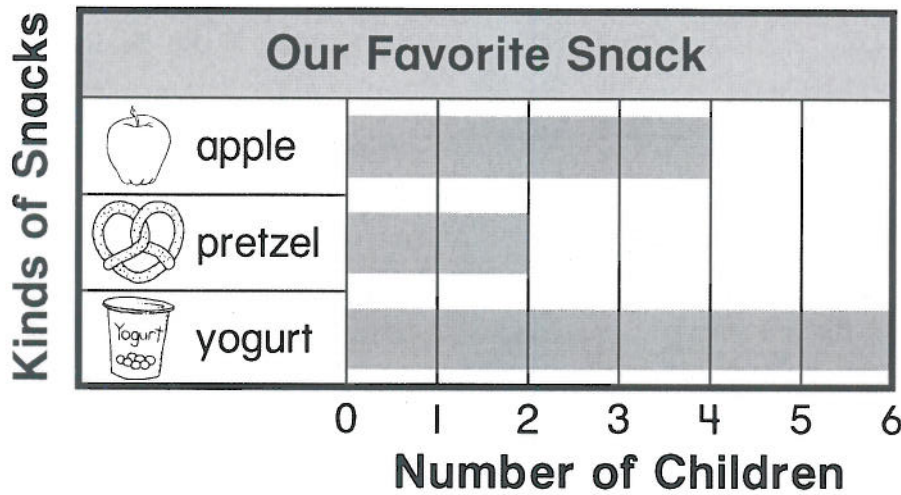


Read Bar Graphs

A **bar graph** uses a bar to show how many.


This graph shows 6 children chose .

The longest bar shows the snack most children chose.



Use the bar graph to answer the question.

1. How many children chose ? _____ children

2. How many children chose ? _____ children

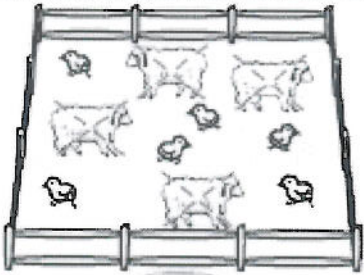
3. Circle the snack the most children chose.



4. Circle the snack the fewest children chose.





Make Bar Graphs



Make a bar graph to show each animal in the picture.

Cross out each animal as you show it in the graph.

Kinds of Animals

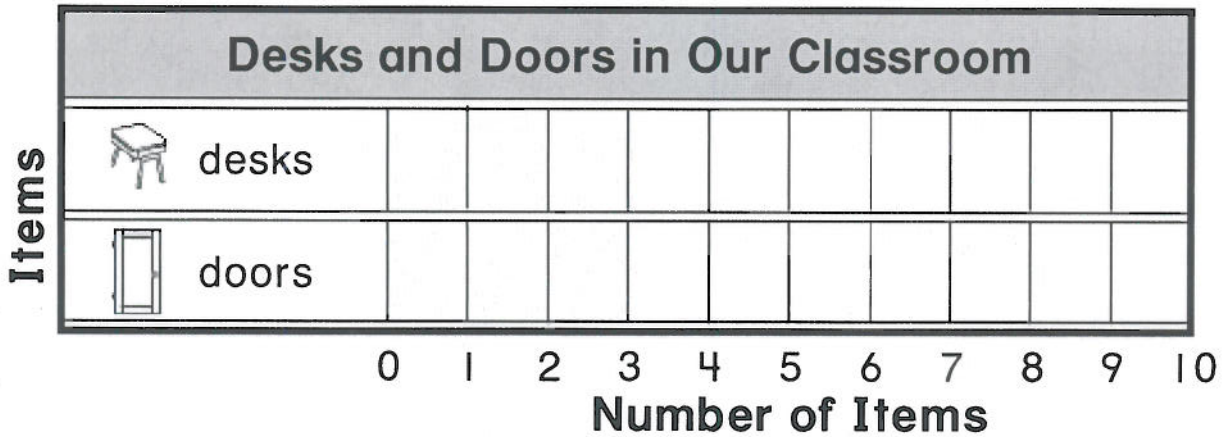
Animals at the Farm								
 sheep								
 chicks								

0 1 2 3 4 5 6



Number of Animals

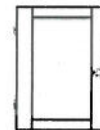
Are there more  or  in your classroom?

1. Make a bar graph to find out.





2. How many  are in your classroom? _____ 

3. Are there more  or  in your classroom? Circle.



Read Tally Charts

Some children named their favorite collections.
Each | stands for 1 child.
Each **||||** stands for 5 children.

Our Favorite Thing to Collect		Total
 shells	 1 2 3 4	4
 stamps	 5 6 7	7

More children like to collect **stamps**.

Complete the tally chart.

Do you have a pet?		Total
yes		
no		

Use the tally chart to answer each question.

1. How many children have a pet? _____ children

2. How many children do not have a pet? _____ children

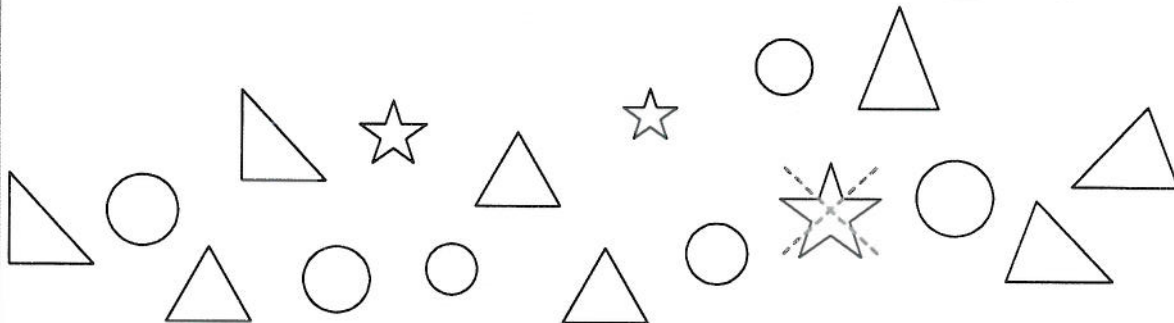
3. Did more children answer yes or no? _____




COMMON CORE STANDARD CC.1.MD.4
Represent and interpret data.

Make Tally Charts

The picture shows shapes.
Make a tally chart to show
how many of each shape.

Cross out each
shape as you
count.





Shapes in the Picture		Total
 circles		<u>6</u>
 stars		<u>3</u>
 triangles		<u>8</u>

Use the tally chart to answer each question.

1. How many  are there?

_____ 

2. How many more  than
 are there?

_____ more 

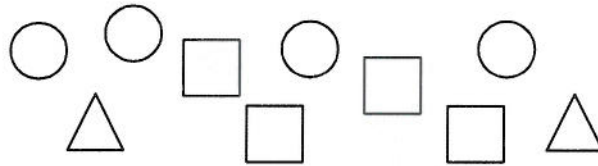
3. Which shape is there
the most of? Circle.



COMMON CORE STANDARD CC.1.MD.4
Represent and interpret data.

Problem Solving • Represent Data

Ava has these beads to make a bracelet.
How can you find how many beads she has?



Unlock the Problem

<p>What do I need to find?</p> <p>how many <u>beads</u></p> <p>Ava has _____</p>	<p>What information do I need to use?</p> <p>the number of <u>○</u>, <u>△</u></p> <p>and <u>□</u> in the picture</p>
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Show how to solve the problem.

Color the first bar to show there are 4 circles.

Beads Ava Has							
circle ○							
square □							
triangle △							
	0	1	2	3	4	5	6

Use the graph. Write how many. Add to solve.

1. $\overset{4}{\underset{+}{4}}$ ○ + _____ □ + _____ △ = _____

How many beads does Ava have? _____ beads