



Helping With Math

Understanding Picture Graph and Bar Graph



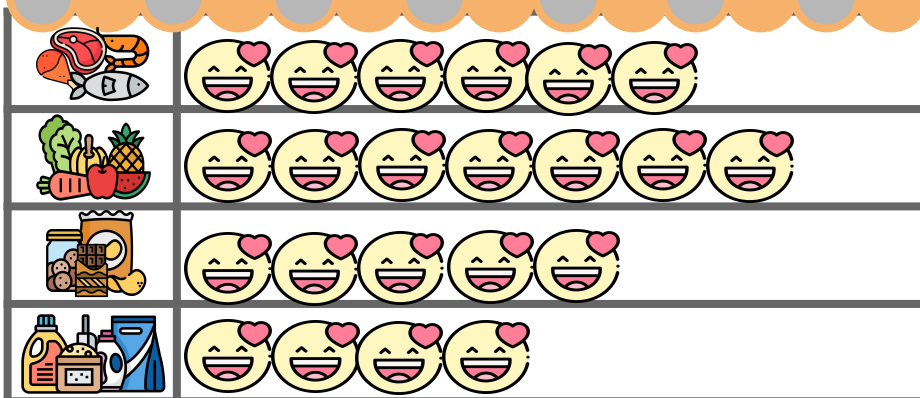
GRADE 2



A *graph* is a way to represent data or information. It makes it easier for us to compare information and learn things. Graph will help us visualize the data we have.

SUPERMARKET

PICTURE GRAPH. This is also known as pictograph. This organizes and shows information using pictures or symbols.



= 5 votes

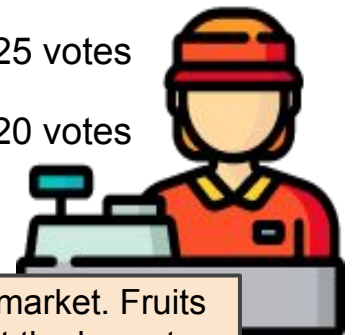
It is important for pictograph to have a legend of a picture to tell how many the picture means.

= 30 votes

= 35 votes

= 25 votes

= 20 votes



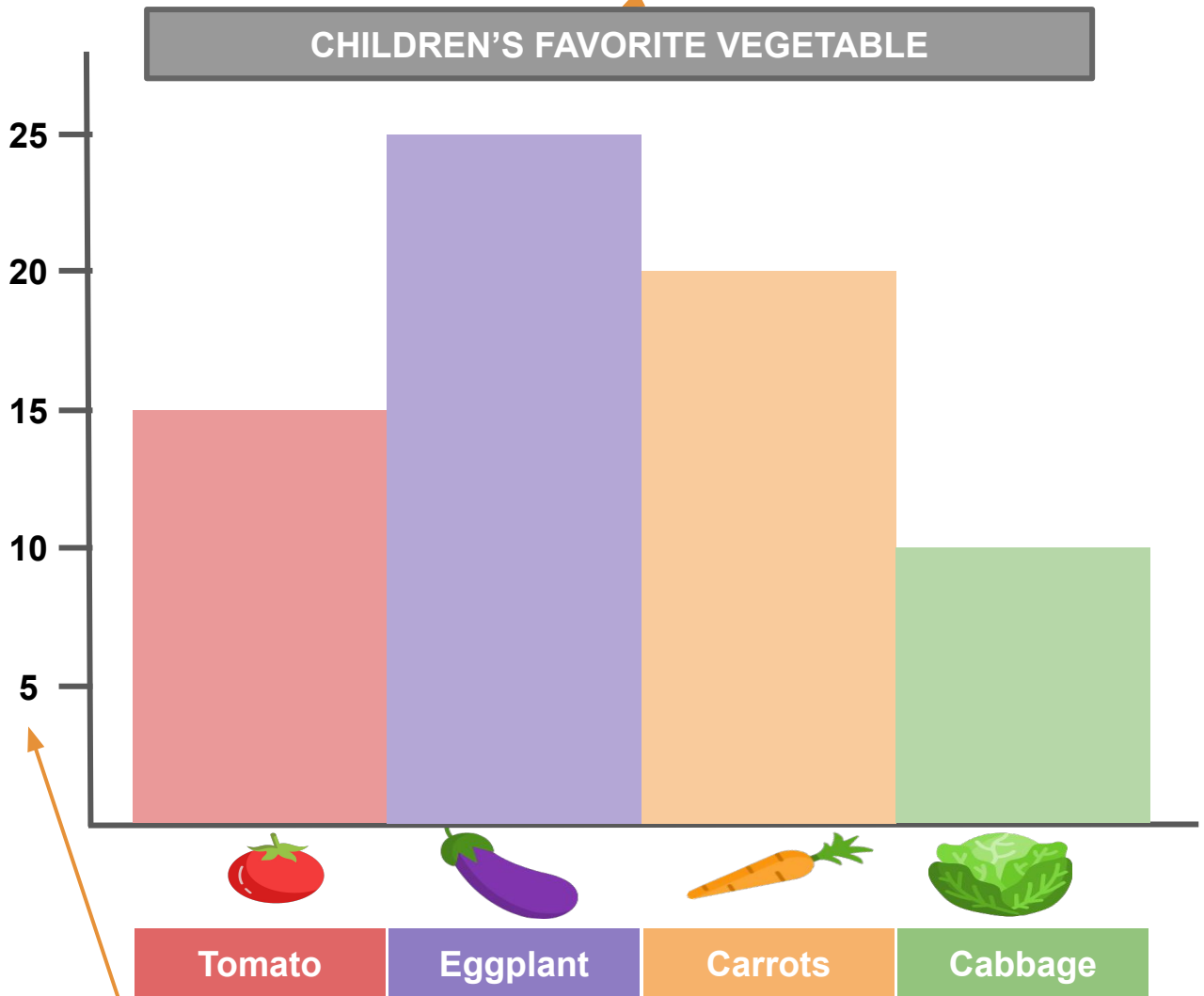
The picture graph shows what consumers usually buy on supermarket. Fruits and vegetables got the highest votes and household goods got the lowest.



BAR GRAPH

BAR GRAPH. This uses bar to show a picture of the data collected.

All bar graphs always have a *Title*.



Bar Graphs have *numbers* to show *how many* items are there in each group

All bar graphs have *labels* to show *what* each bar stands for.



Picture Graph to Bar graph

In the supermarket, 24 Potato chips, 12 cookie jars and 30 chocolate bars were sold. This page presents the same data via picture and bar graphs.



SOLD ITEMS

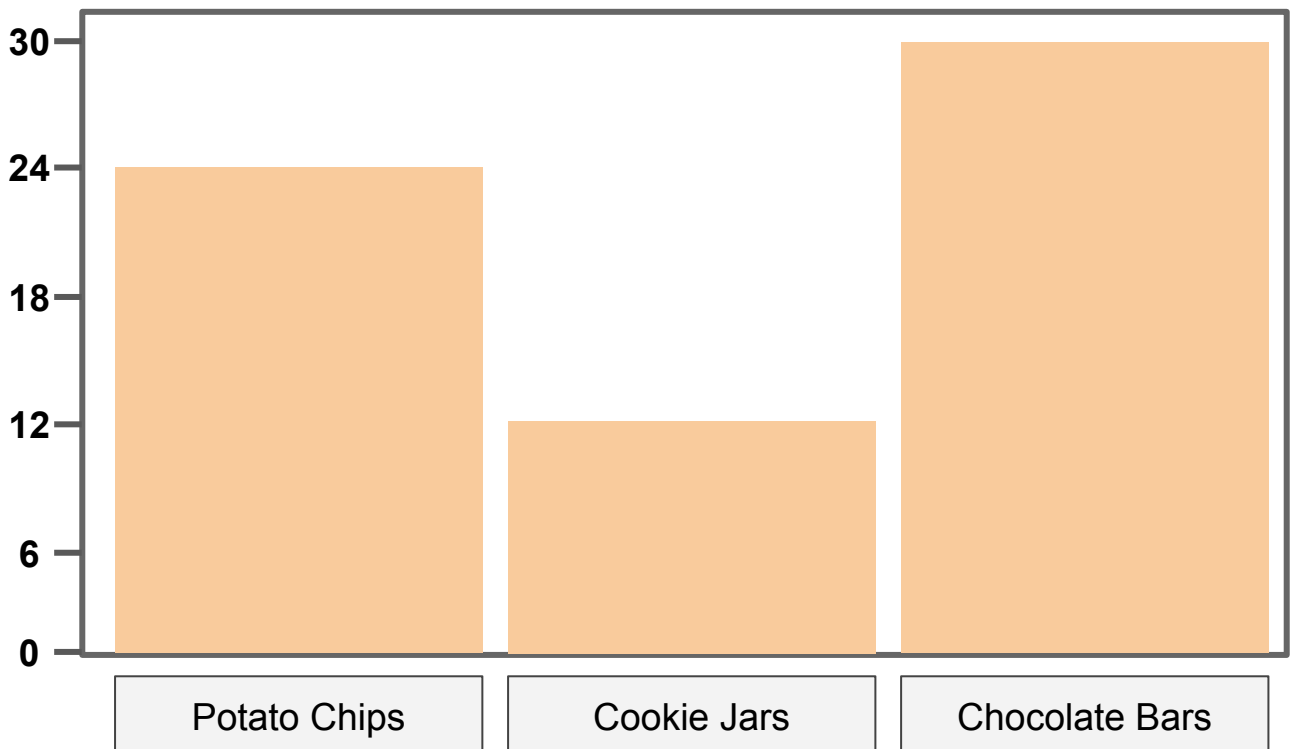


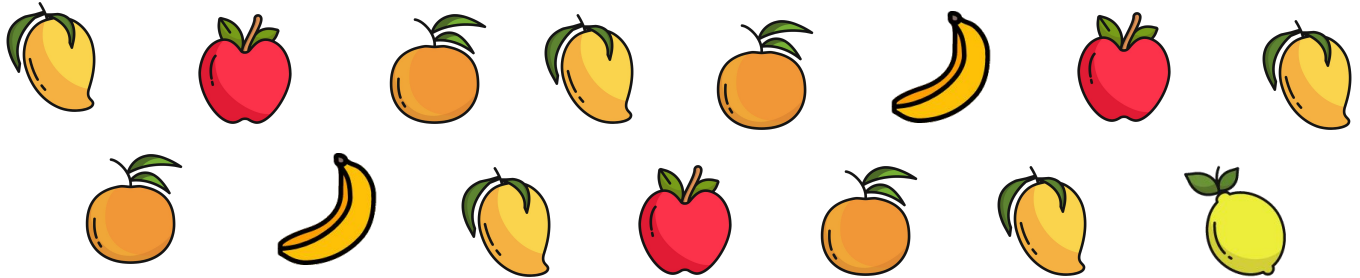
TABLE OF ACTIVITIES

1. Number of Fruits
2. Battle of the Bottles
3. Most Used Soap
4. Grains and Bread
5. Veggies
6. Meat and Seafood
7. Push the Cart
8. Apple Dessert
9. Dairy and Eggs
10. Grocery Items



NUMBER OF FRUITS

Make a bar graph to show how many of each type of fruits there are.



NUMBER OF FRUITS

5
4
3
2
1
0

APPLE



ORANGE



BANANA



MANGO



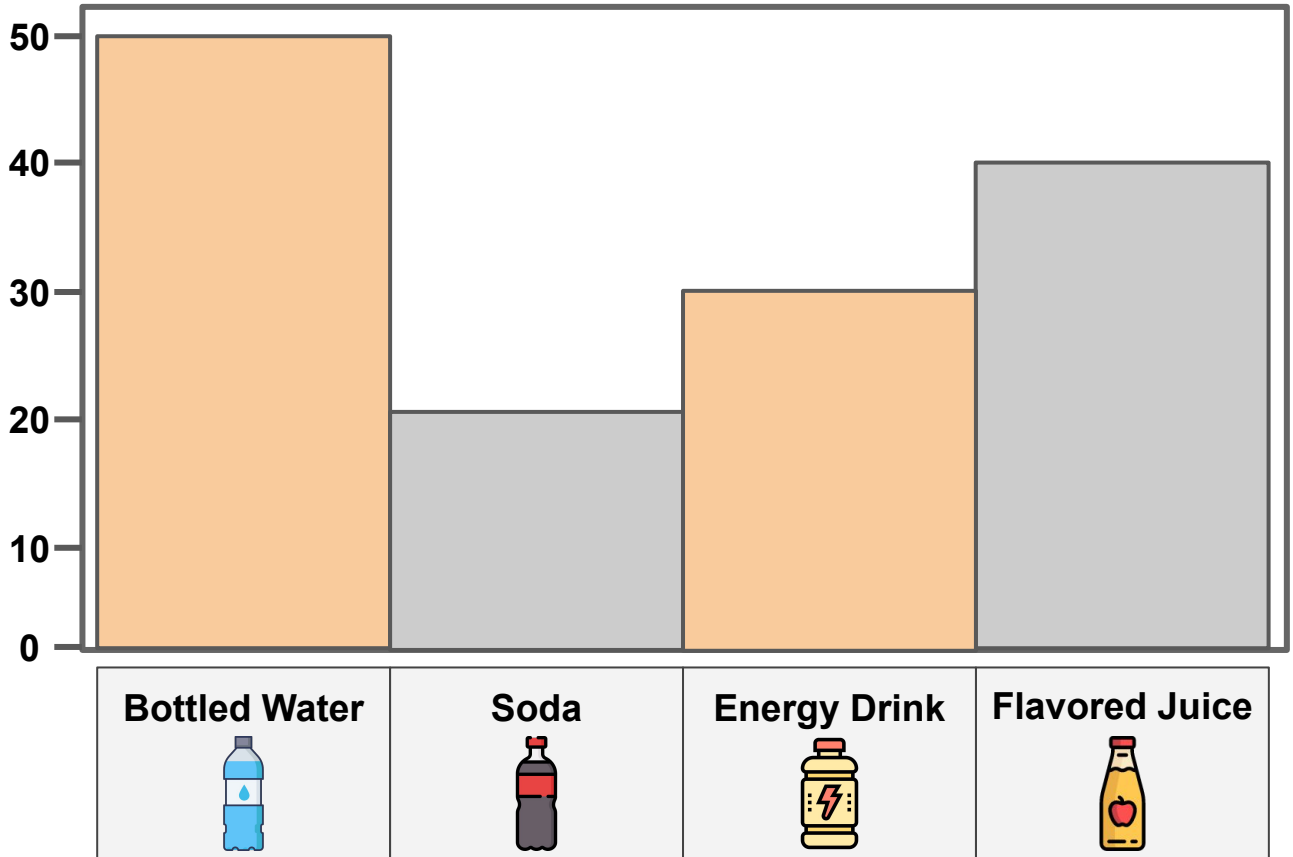
LEMON



BATTLE OF THE BOTTLES

This is a graph of beverages that people on supermarket bought. Use the information from the graph to answer the questions.

BEST SELLER BEVERAGE






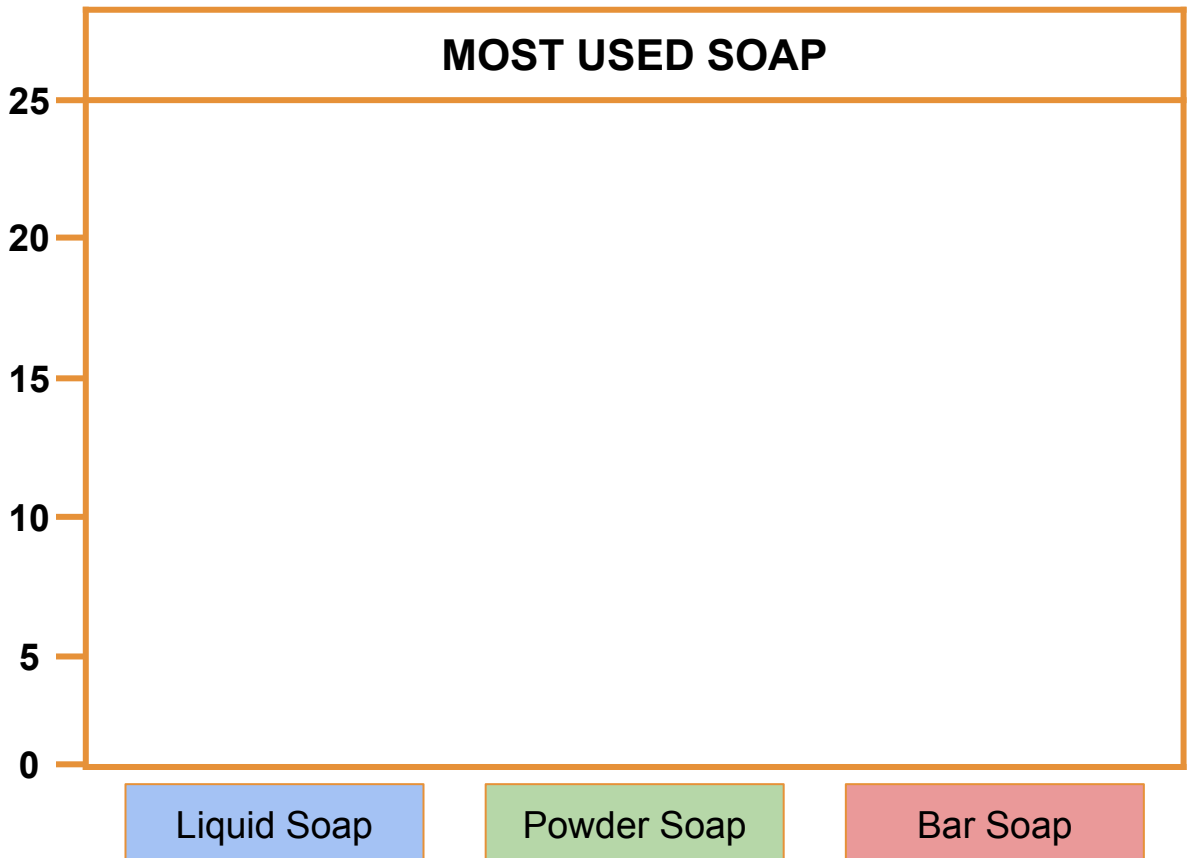
1. How many bottled water were sold? _____
2. How many flavored juice were sold? _____
3. How many bottled soda were sold? _____
4. How many energy drinks were sold? _____
5. What is the best selling beverage in the supermarket? _____



MOST USED SOAP

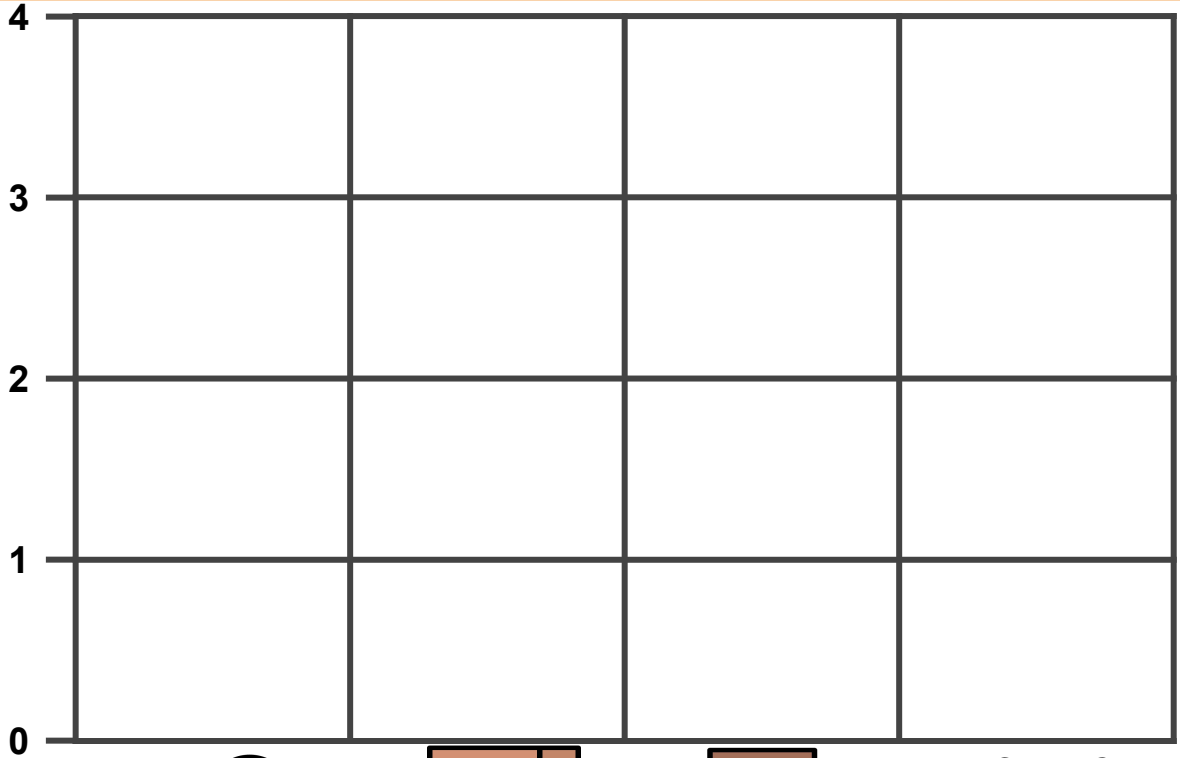
Use the data from the tally chart to make a bar graph. Color the bars according to its designated colors.

TALLY CHART OF SOAP		
Liquid Soap		- - - -
Powder Soap		- -
Bar Soap		



GRAINS AND BREAD

Cut out the pictures and paste them to its corresponding group. How many of each item mother bought from the supermarket? Write the answer on the circles below each item.



BREAD



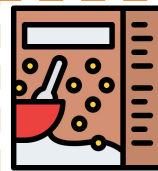
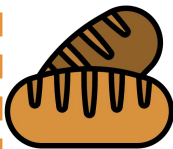
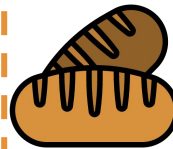
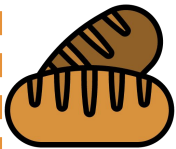
CEREAL



FLOUR

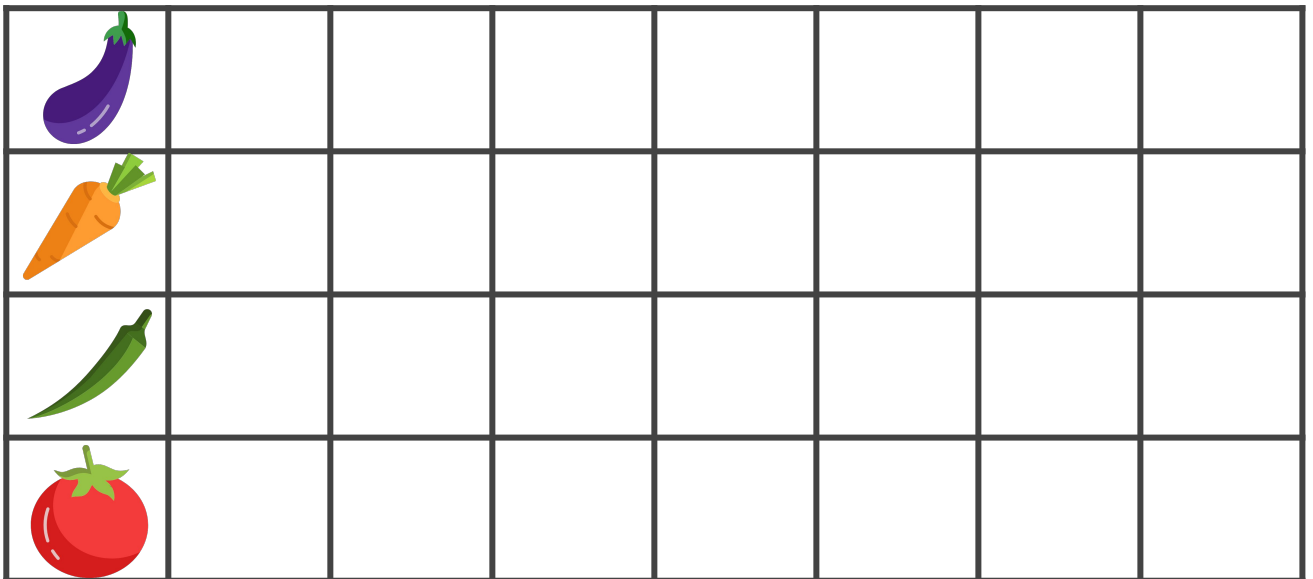
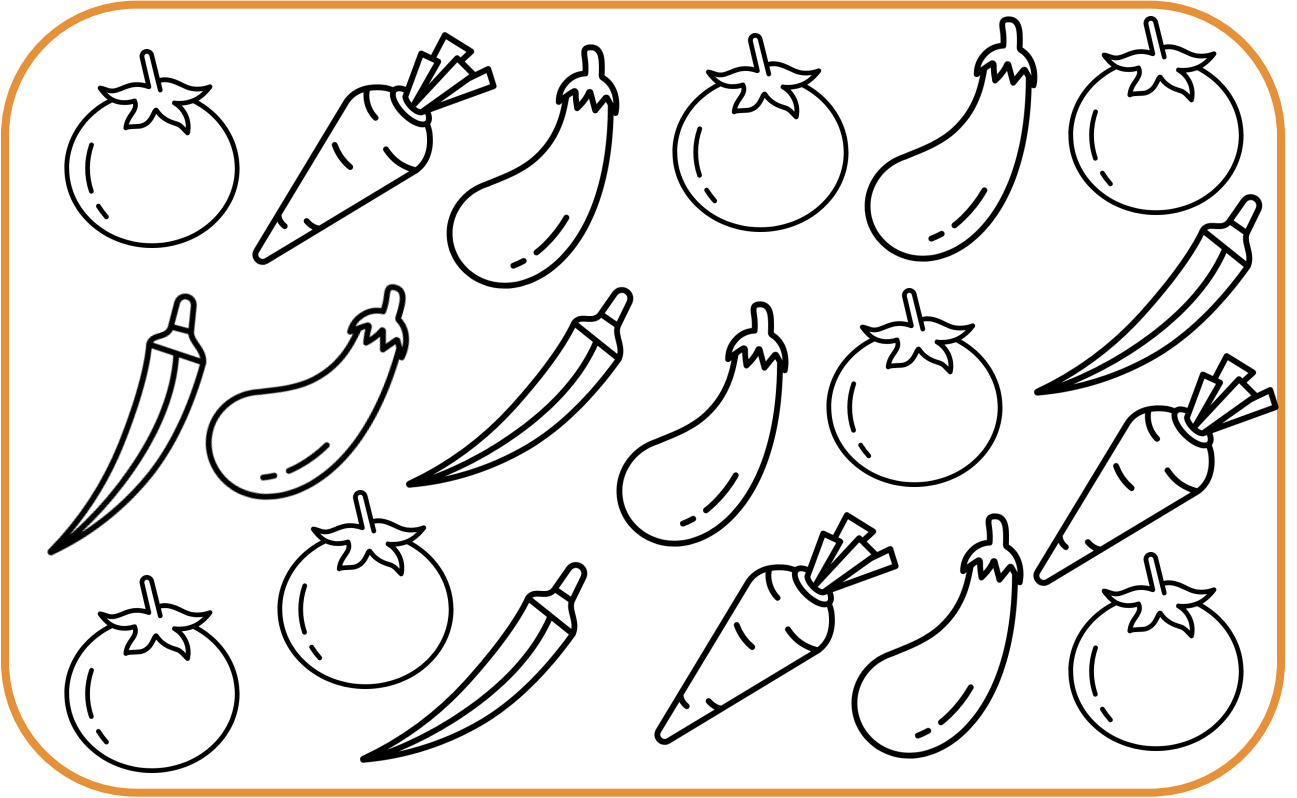


RICE



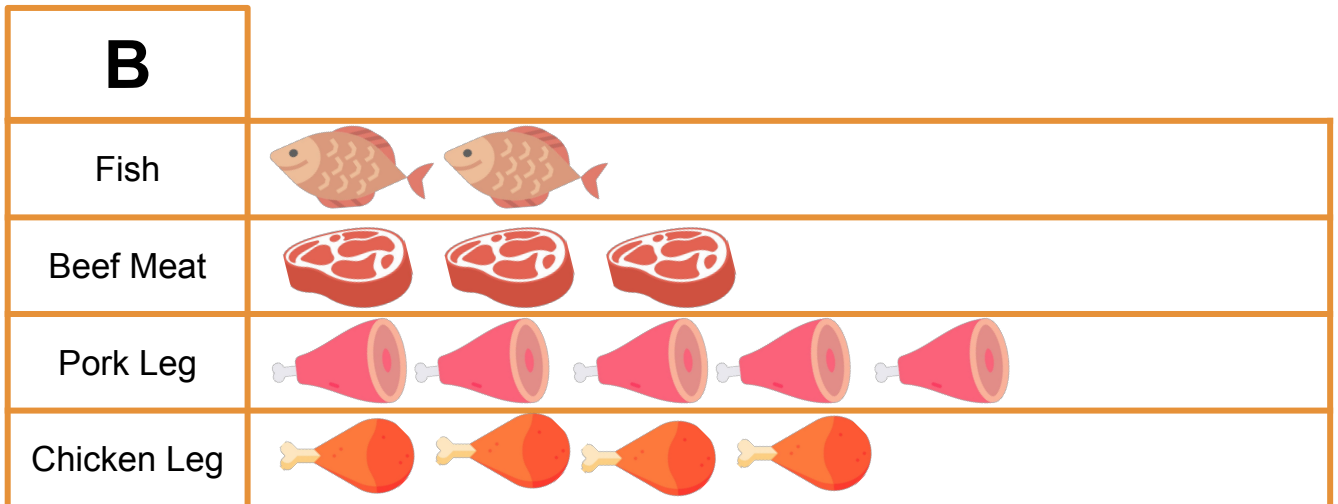
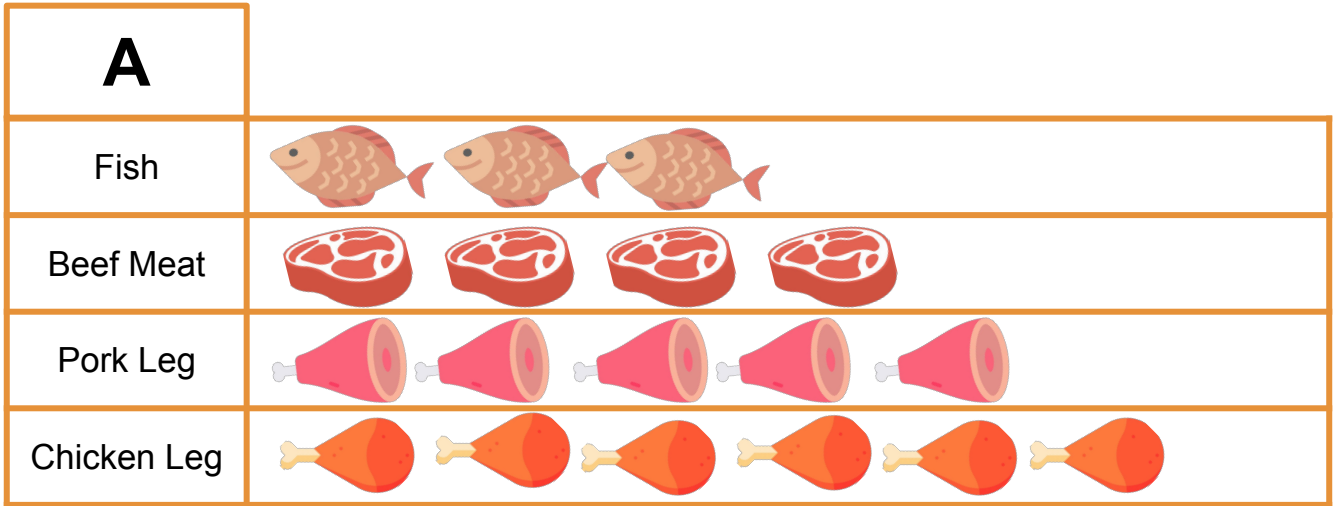
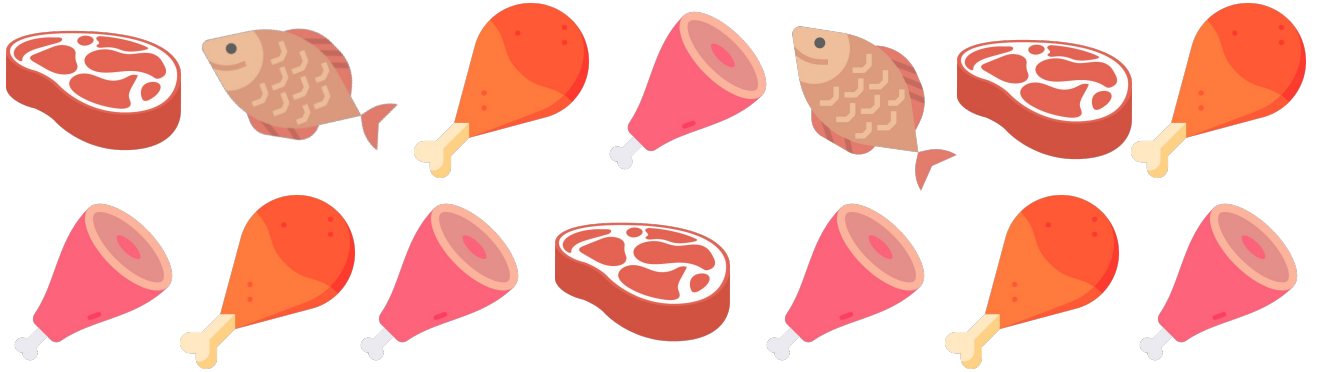
VEGGIES

Color the vegetables. Count each kind of vegetables then make a bar graph of the data you collected by coloring the box.



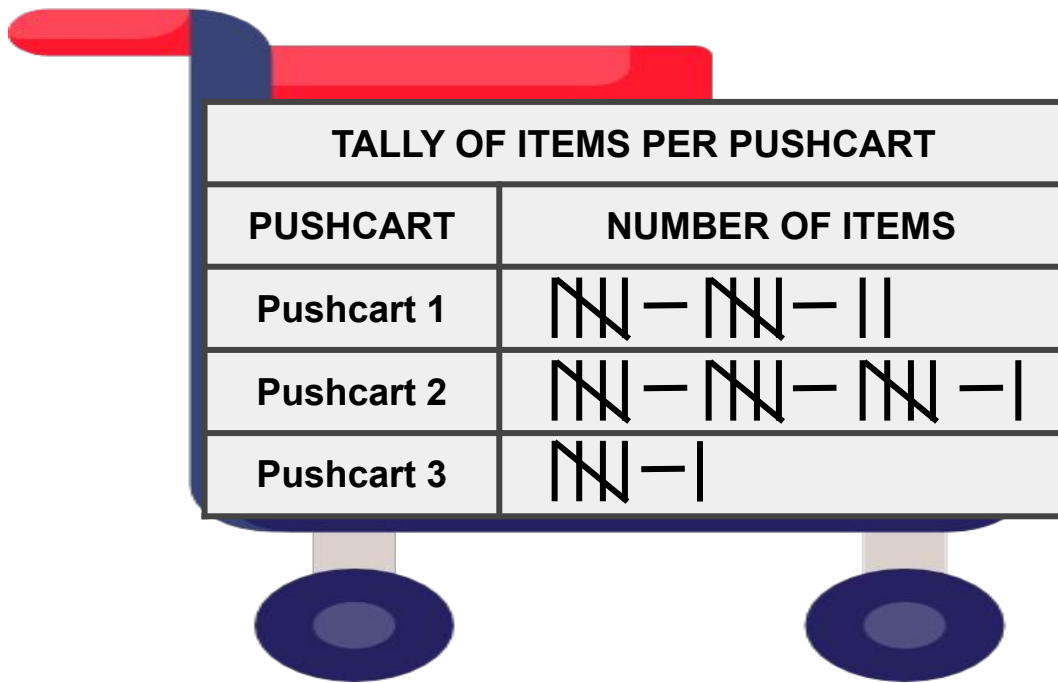
MEAT AND SEAFOOD


In supermarket, father saw the meat and fish. Which graph shows the right number of meat and fish? Shade the letter of your answer.




PUSH THE CART

Use the data in the tally chart to complete the missing rows in the pictograph. Draw  to complete the graph.



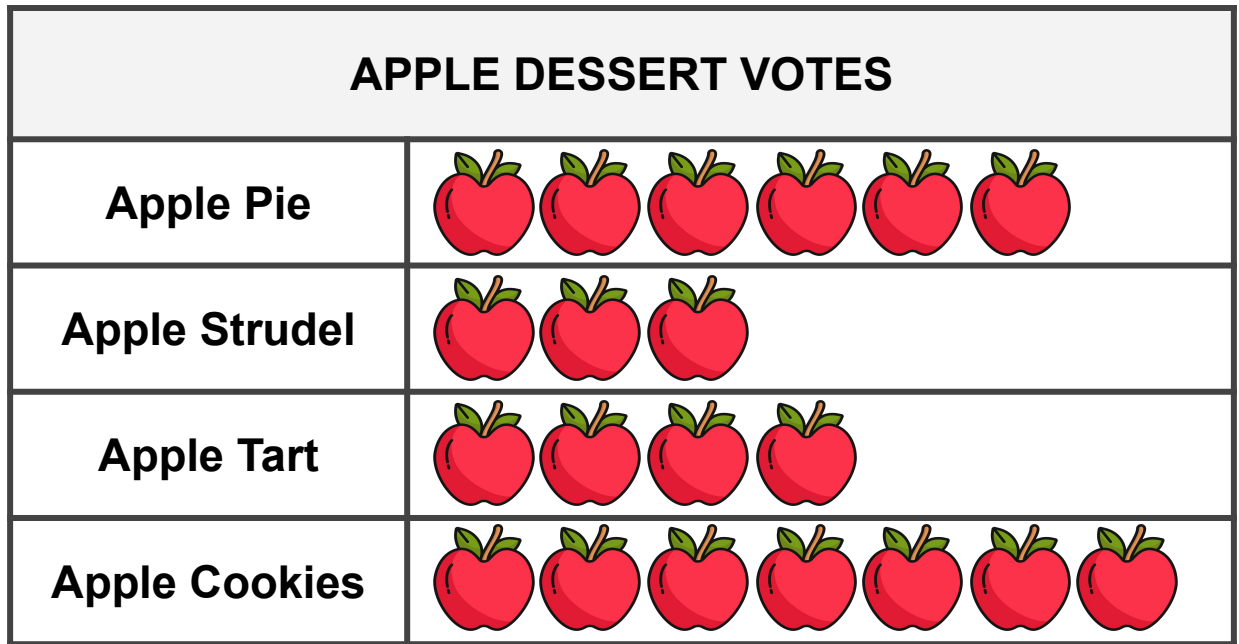
 = 2 items


Pushcart 1	
Pushcart 2	
Pushcart 3	



APPLE DESSERT

Scarlet's mother bought apples to make a dessert. Her friends voted for apple desserts they liked. Analyze the pictograph and answer the questions below.



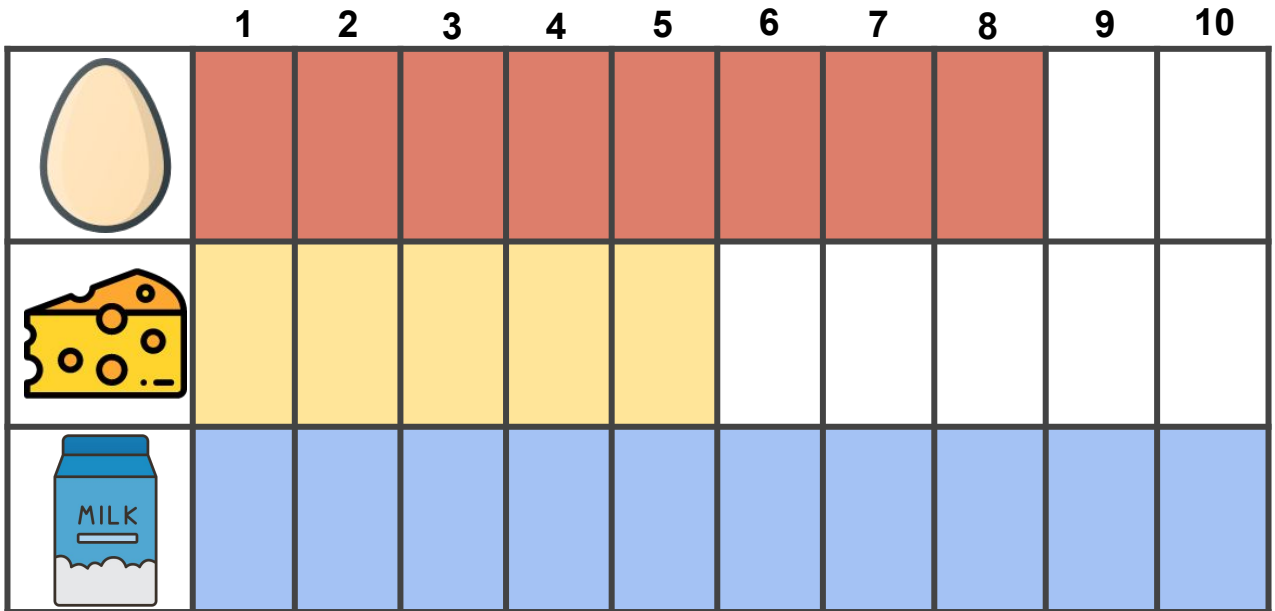
Each  = 1 friend's vote

1. How many more friends voted for apple pie than apple tart? _____
2. How many more voted for apple cookies than apple strudel? _____
3. How many more voted for apple tart than apple strudel? _____
4. How many more voted for apple cookies than apple tart? _____
5. How many more voted for apple pie than apple strudel? _____





DAIRY AND EGGS

Encircle TRUE if the statement is correct, and FALSE if the statement is wrong.





- 1

There are fewer  than 


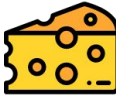
TRUE FALSE

- 2

There are more  than 



TRUE FALSE

- 3

There are more  than 

TRUE FALSE

- 4


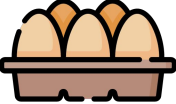





There are equal  and 

TRUE FALSE

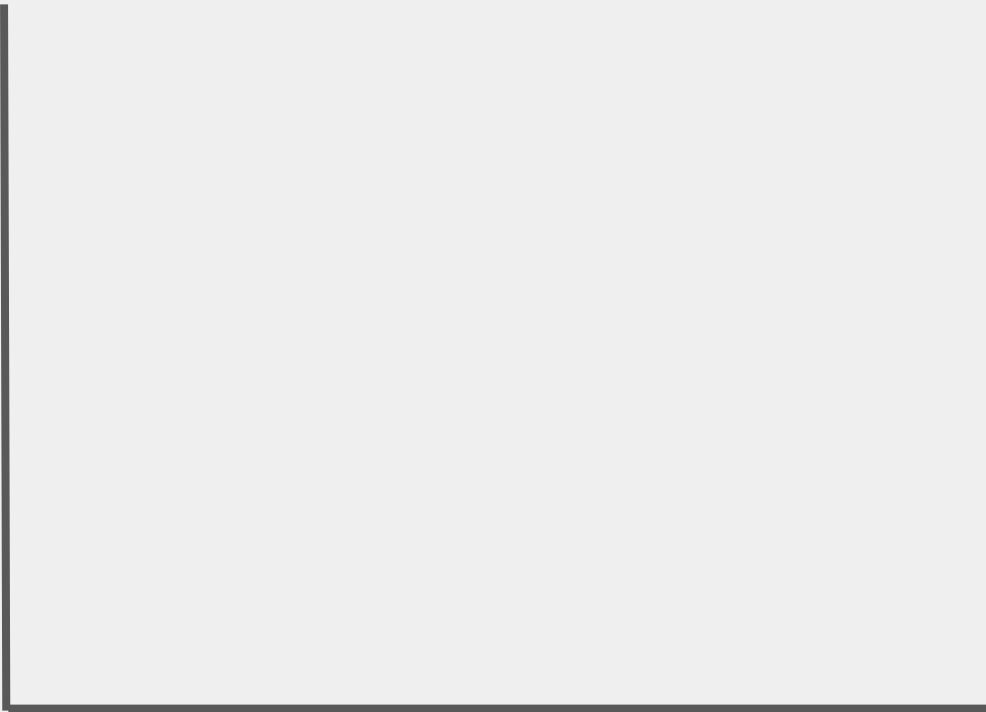


GROCERY ITEMS

Mother just got home from supermarket. Help her unpack the items and list the number of each. Make a graph using the list.

4	20	16	8	2	10	1
						

GROCERY ITEMS



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