

**Data** are answers to a question.

▶ A **tally chart** can answer **questions about data**.

▶ A **graph** can answer **questions about data**.

Tally Chart		
What color do you like?		
Color	Students	Total
Blue		5
Green		4
Red		3

How many students like **green**? **4**

How many students are there in all? **12**

How many more students like **blue** than **green**? **1**

How many fewer students like **red** than **blue**? **2**



How many students like **green**? **4**

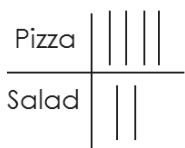
How many students are there in all? **12**

How many more students like **blue** than **green**? **1**

How many fewer students like **red** than **blue**? **2**

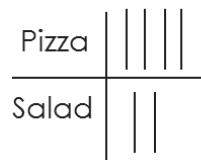
Look at the tally chart.  
How many students want **pizza**?  
What do you want to eat?

- A** 2
- B** 4



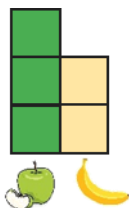
Look at the tally chart.  
How many students are there **in all**?  
What do you want to eat?

- A** 6
- B** 7



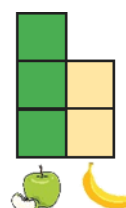
Look at the graph.  
How many students want to eat **apples**?

- A** 2
- B** 3



Look at the graph.  
How many students are there **in all**?

- A** 4
- B** 5



1. Look over the tally chart.
2. Count the tally marks for each type of item.
3. Write the total for each type of item.
4. Determine how many students there are in all. (write)

**What ice cream flavor do you like best?**

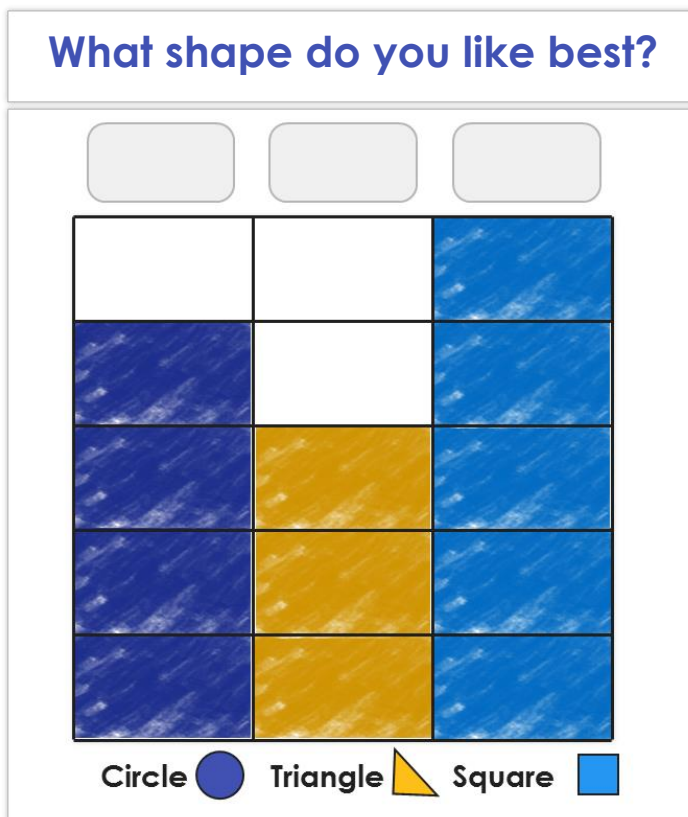
Flavor	Students	Total
Chocolate 🍫		
Vanilla 🍦		
Strawberry 🍓		

There are  students in all.

1. Write the total tally marks for the type.
2. Compare the tally marks. (circle)
3. Determine how many more there are. (write)

1. How many more students like Vanilla \_\_\_\_\_ than Chocolate \_\_\_\_\_?
2. How many more students like Vanilla \_\_\_\_\_ than Strawberry \_\_\_\_\_?
3. How many fewer students like Strawberry \_\_\_\_\_ than Vanilla \_\_\_\_\_?
4. How many fewer students like Strawberry \_\_\_\_\_ than Chocolate \_\_\_\_\_?

Look at the graph. Answer the questions.



1. There are \_\_\_\_ students in all.

2. How many more students like Circles \_\_\_\_ than  
Triangles \_\_\_\_ ?

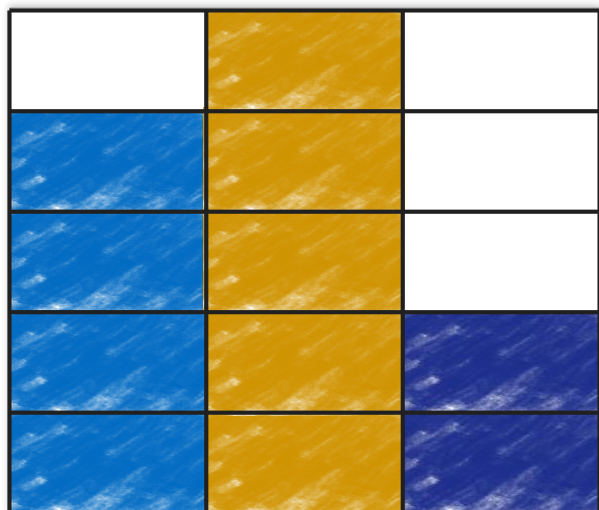
3. How many more students like Squares \_\_\_\_ than  
Triangles \_\_\_\_\_ ?

4. How many fewer students like Circles \_\_\_\_\_ than  
Squares ?

5. How many fewer students like Triangles \_\_\_\_\_  
than Squares \_\_\_\_\_ ?

1. Write the total tally marks for the type.
2. Compare the tally marks. (circle)
3. Determine how many more there are. (write)

**What ocean animal do you like?**



Shark  Clown Fish  Whale 

1. How many more students

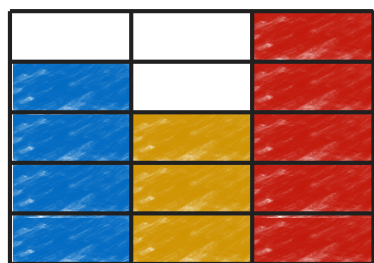
like Clown Fish \_\_\_\_\_

than Whales \_\_\_\_ ?

2. How many fewer students like

Sharks \_\_\_ than Clown Fish \_\_\_ ?

**What is your favorite pet?**



Dog  Cat  Fish 

Dave said three more kids like fish than cats. Do you agree? How do you know?

Ivy said one less kid likes cats than dogs. Do you agree? How do you know?

What did you learn today about interpreting data?

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Look at the graphs. Answer the questions.

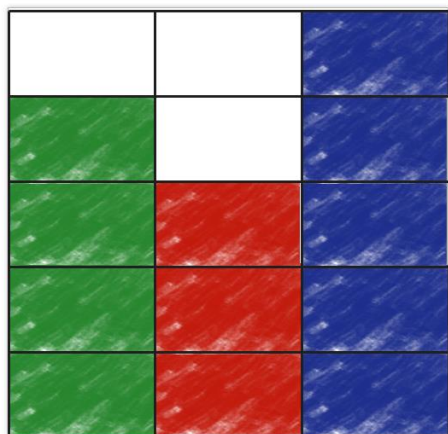
### What healthy snack do you like?

Snack	Students	Total
Broccoli 🥦		<input type="text"/>
Carrot Sticks 🥕		<input type="text"/>
Grapes 🍇		<input type="text"/>

There are  students in all.

1. Write the total tally marks for the type.
2. Compare the tally marks. (circle)
3. Determine how many more there are. (write)

### What healthy snack do you like?

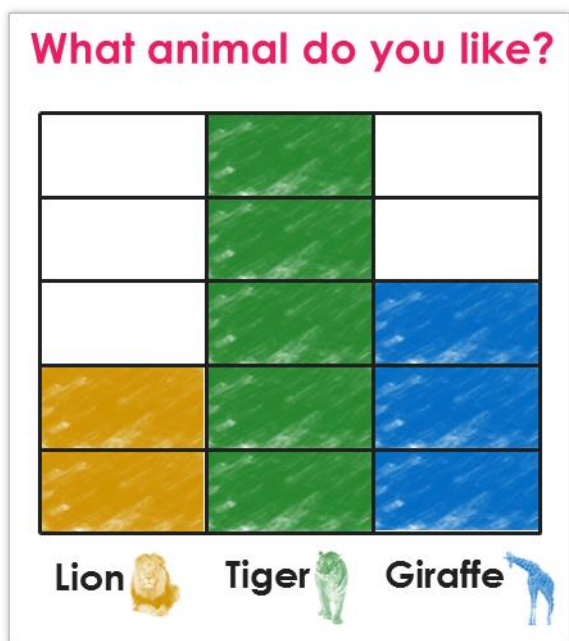


Broccoli 🥦 Carrot Sticks 🥕 Grapes 🍇

1. How many more students like Grapes \_\_\_\_ than Broccoli \_\_\_\_?

2. How many fewer students like Carrot Sticks \_\_\_\_ than Grapes \_\_\_\_\_?

Write two questions that can be answered using the data.




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Mr. Wilkes asked his class what kind of music they like. 5 students said they like Pop. 3 Students said they like Rock. 4 students said they like Country. **Make a tally chart for the data and answer the questions.**

**What kind of music do you like?**

Pop 	
Rock 	
Country 	

1. How many students are there in all?
2. How many more students like Pop than Rock?
3. How many fewer students like Rock than Country?