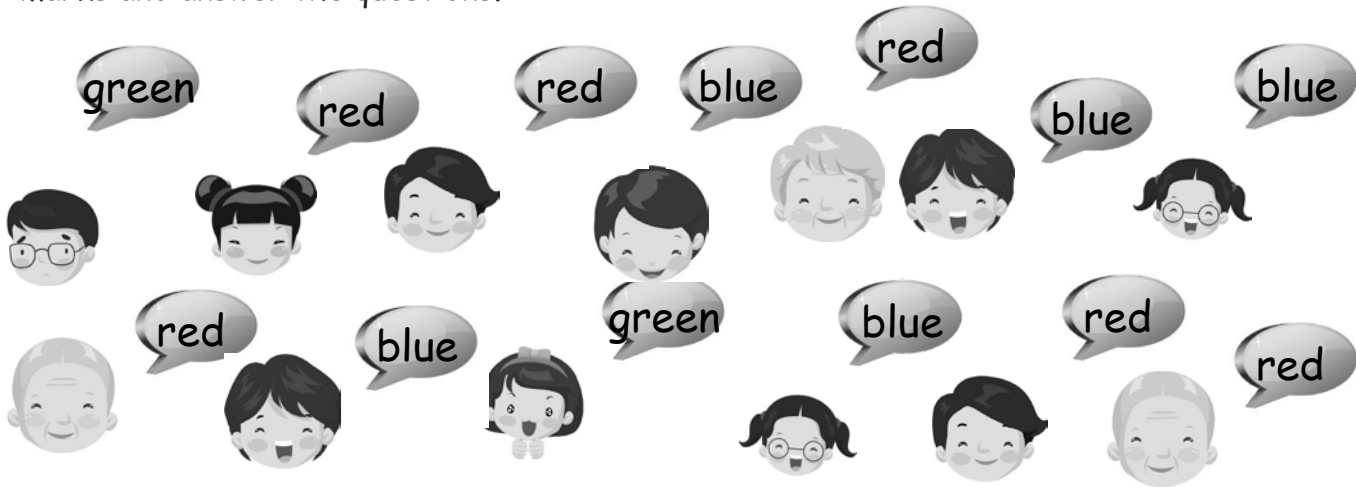




Name _____

Date _____

A group of people were asked to say their favorite color. Organize the data using tally marks and answer the questions.



| | |
|-------|--|
| Red | |
| Green | |
| Blue | |

1. How many people chose red as their favorite color? _____ people like red.
2. How many people chose blue as their favorite color? _____ people like blue.
3. How many people chose green as their favorite color? _____ people like green.
4. Which color received the least amount of votes? _____
5. Write a number sentence that tells the total number of people who were asked their favorite color.

Name _____ Date _____

Students were asked about their favorite ice cream flavor. Use the data below to answer the questions.

| Ice Cream Flavor | Tally Marks | Votes |
|------------------|---------------------------------|-------|
| Chocolate | | |
| Strawberry | | |
| Cookie Dough | | |

Write the number of tally marks here.

- Fill in the blanks in the table by writing the number of students who voted for each flavor.
- How many students chose cookie dough as the flavor they like **best**?
_____ students
- What is the total number of students who like chocolate or strawberry the **best**? _____ students
- Which flavor received the **least** amount of votes? _____
- What is the total number of students who like cookie dough or chocolate the **best**?
_____ students
- Which two flavors were liked by a **total** of 7 students?
_____ and _____
- Write an addition sentence that shows how many students voted for their favorite ice cream flavor.

Students voted on what they like to read the most. Organize the data using tally marks, and then answer the questions.

| | | | | |
|--------------|--------------|--------------|--------------|--------------|
| comic book | magazine | chapter book | comic book | magazine |
| chapter book | comic book | comic book | chapter book | chapter book |
| chapter book | chapter book | magazine | magazine | magazine |

| What Students Like to Read the Most | Number of Students |
|-------------------------------------|--------------------|
| Comic Book | |
| Magazine | |
| Chapter Book | |

Draw a tally mark for each time a student voted for each item.

8. How many students like to read chapter books the most? _____ students
9. Which item received the **least** amount of votes? _____
10. How many more students like to read chapter books than magazines?
_____ students
11. What is the total number of students who like to read magazines or chapter books?
_____ students
12. Which two items did a total of 9 students like to read?
_____ and _____
13. Write an addition sentence that shows how many students voted.



Name _____

Date _____

Welcome to Data Day! Follow the directions to **collect** and **organize** data. Then, **ask** and **answer questions** about the data.

- Choose a question. Circle your choice.
- Pick 3 answer choices.
- Ask your classmates the question and show them the 3 choices. Record the data on a class list.
- Organize the data in the chart below.

| | | | | |
|-------------------------------|-------------------------------|--|--|---|
| Which fruit do you like best? | Which snack do you like best? | What do you like to do on the playground the most? | Which school subject do you like the best? | Which animal would you most like to be? |
|-------------------------------|-------------------------------|--|--|---|

| Answer Choices | Number of Students |
|----------------|--------------------|
| | |
| | |
| | |



- Complete the question sentence frames to ask questions about your data.
- Trade papers with a partner, and have your partner answer your questions.

1. How many students liked _____ the best?
2. Which category received the fewest votes? _____
3. How many more students liked _____ than _____?
4. What is the total number of students who liked _____ or _____ the best?
5. How many students answered the question? How do you know?

Name _____ Date _____

Collect information about things you own. Use tally marks or numbers to organize the data in the chart below.

| How many pets do you have? | How many toothbrushes are in your home? | How many pillows are in your home? | How many jars of tomato sauce are in your home? | How many picture frames are in your home? |
|---|---|--|---|---|
| | | | | |

- Complete the question sentence frames to ask questions about your data.
- Answer your own questions.

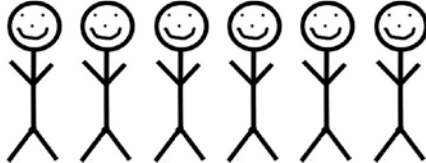
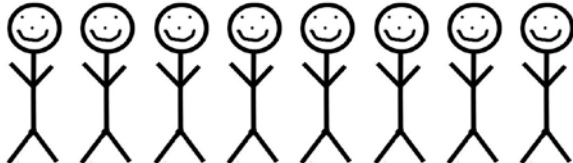
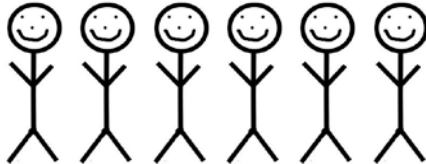


- How many _____ do you have? (Pick the item you have the **most** of.)
- How many _____ do you have? (Pick the item you have the **least** of.)
- Together**, how many picture frames and pillows do you have?
- Write and answer two more questions using the data you collected.

a. _____?

b. _____?

Students voted on their favorite type of museum to visit. Each student could only vote once. Answer the questions based on the data in the table.

| | |
|----------------|--|
| Science Museum |  |
| Art Museum |  |
| History Museum |  |

5. How many students chose art museums? _____ students

6. How many students chose the art museum or the science museum?
_____ students

7. From this data, can you tell how many students are in this class? Explain your thinking.



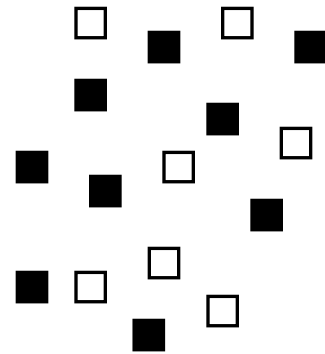
Name _____ Date _____

Use squares with no gaps or overlaps to organize the data from the picture. Line up your **squares** carefully.

Favorite Ice Cream Flavor

□ = 1 student

| | Number of Students |
|-------------|--------------------|
| Flavors | |
| □ vanilla | |
| ■ chocolate | |



1. How many **more** students liked chocolate than liked vanilla? _____ students

2. How many **total** students were asked about their favorite ice cream flavor?

_____ students

Ties on Shoes

Number of Students

□ = 1 student






















| | | |
|-----------------------|---------|-----------------|
| Types of Shoe Ties | velcro | □ □ □ □ □ |
| | laces | □ □ □ □ □ □ □ □ |
| | no ties | □ □ □ □ □ □ □ |

3. Write a number sentence to show how many **total** students were asked about their shoes.

4. Write a number sentence to show how many **fewer** students have Velcro ties on their shoes than laces.



Each student in the class added a sticky note to show his or her favorite kind of pet. Use the table to answer the questions.

| Favorite Pet | | | |
|--------------------|---|--|--|
| | <div>dog</div> | <div>fish</div> | <div></div> |
| Number of Students | <div></div> | <div></div> | <div></div> |
| | <div></div> | <div></div> | <div></div> |
| | <div></div> | | <div></div> |
| | <div></div> | | <div></div> |
| | <div></div> | | <div></div> |
| | <div></div> | | <div></div> |
| | <div></div> | | <div></div> |
| | <div></div> | | <div></div> |
| | | | |

5. How many students chose dogs or cats as their favorite pet?

_____ students

6. How many more students chose dogs as their favorite pet than cats?

_____ students

7. How many more students chose cats than fish?




_____ students

Name _____ Date _____

The class has 18 students. On Friday, 9 students wore sneakers, 6 students wore sandals, and 3 students wore boots. Use squares with no gaps or overlaps to organize the data. Line up your **squares** carefully.

Shoes Worn on Friday

Number of Students

| | | |
|-------|--|--|
| Shoes |  sneakers | |
| |  sandals | |
| |  boots | |


















- How many more students wore sneakers than sandals? _____ students
- Write a number sentence to tell how many students were asked about their shoes on Friday.

- Write a number sentence to show how many fewer students wore boots than sneakers.



Our school garden has been growing for two months. The table below shows the numbers of each vegetable that have been harvested so far.

Vegetables Harvested

| | beets  | carrots  | corn  |
|--|--|---|--|
| | <div>Number of Vegetables</div> <div>   </div> | <div>      </div> | <div>  </div> |

4. How many total vegetables were harvested?
_____ vegetables
5. Which vegetable has been harvested the most?

6. How many more beets were harvested than corn?
_____ more beets than corn
7. How many more beets would need to be harvested to have the same amount as the number of carrots harvested?

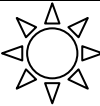


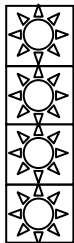




Name _____

Date _____

Use the table to answer the questions. Fill in the blank, and write a number sentence to the right to solve the problem.

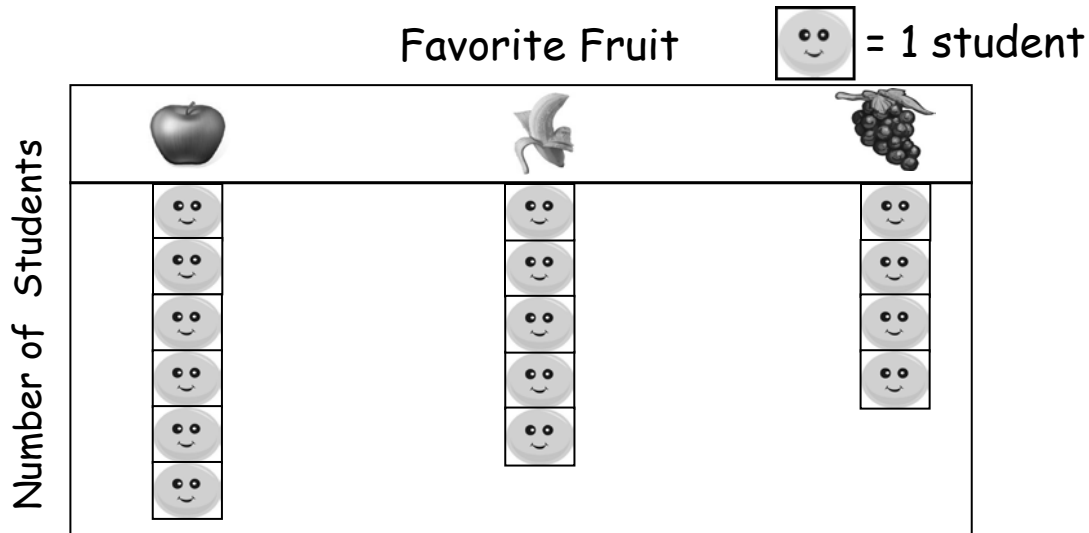
School Day Weather

| | sunny  | rainy  | cloudy  |
|-----------------------|---|---|--|
| Number of School Days |  |  |  |

- How many more day(s) were cloudy than sunny?
_____ more day(s) were cloudy than sunny. _____
- How many fewer days were cloudy than rainy?
_____ more day(s) were cloudy than rainy. _____
- How many more days were rainy than sunny?
_____ more day(s) were rainy than sunny. _____
- How many total days did the class keep track of the weather?
_____ total days
- If the next 3 school days are sunny, how many of the school days will be sunny in all?
_____ days will be sunny.



Use the table to answer the questions. Fill in the blank, and write a number sentence that helps you solve the problem.



6. How many fewer students chose bananas than apples?

_____ fewer students chose bananas than apples. _____

7. How many more students chose bananas than grapes?

_____ more students chose bananas than grapes. _____

8. How many fewer students chose grapes than apples?

_____ fewer students chose grapes than apples. _____

9. Some more students answered about their favorite fruits. If the new total number of students who answered is 20, how many more students answered?

_____ more students answered the question. _____



Name _____





















Date _____

Use the table to answer the questions. Fill in the blank, and write a number sentence.

School Lunch Order



= 1 student

| hot lunch  | sandwich  | salad  |
|--|---|---|
|        |       |     |

1. How many more hot lunch orders were there than sandwich orders?

$$7 - 6 = ?$$

_____ more hot lunch orders

2. How many fewer salad orders were there than hot lunch orders?


_____ fewer salad orders







3. If 5 more students order hot lunch, how many hot lunch orders will there be?

_____ hot lunch orders

Use the table to answer the questions. Fill in the blanks, and write a number sentence.

Favorite Type of Book

 = 5 students

| | |
|---------------|--|
| fairy tales |   |
| science books |  |
| poetry books |    |

4. How many more students like fairy tales than science books?

_____ more students

5. How many fewer students like science books than poetry books?

_____ fewer students

6. How many students picked fairy tales or science books in all?

_____ students

7. How many more students would need to pick science books to have the same number of books as fairy tales?

_____ students

8. If 5 more students show up late and all pick fairy tales, will this be the most popular book? Use a number sentence to show your answer.