

Grade 1 · Organizing and Reading Data · Quiz

Common Core 1.MD.C.4 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

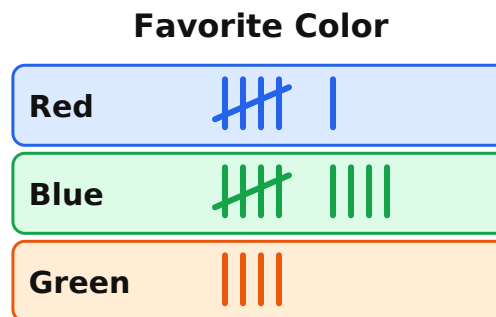
Try these 10 questions about tally charts, picture graphs, and bar graphs. Pick the one best answer for each question. Check the explanation after every answer to learn from your mistakes.

Grade 1 Common Core: 1.MD.C.4

Questions

Question 1

Look at the tally chart. How many students chose blue?

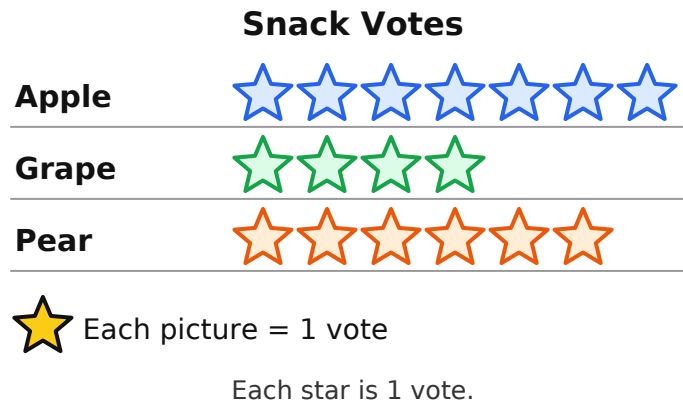


Tally of colors.

- A. 10
- B. 9
- C. 6
- D. 5

Question 2

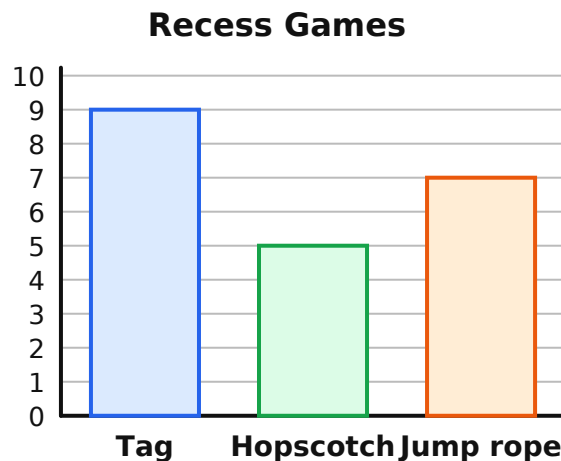
Which snack has the most votes?



- A. Grape
- B. Pear
- C. Apple
- D. All the same

Question 3

How many more students chose tag than hopscotch?

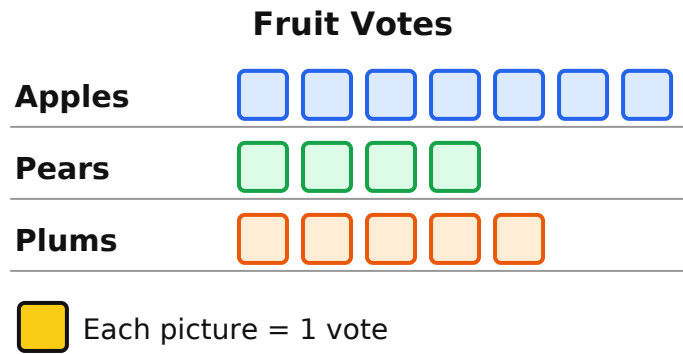


Tag 9, hopscotch 5, jump rope 7.

- A. 14
- B. 4
- C. 5
- D. 2

Question 4

How many fewer students chose pears than apples?



Each square is 1 vote.

- A. 11 fewer
- B. 4 fewer
- C. 2 fewer
- D. 3 fewer

Question 5

A tally chart shows 1 crossed bundle and 3 extra marks. How many is that?

- A. 8
- B. 3
- C. 5
- D. 15

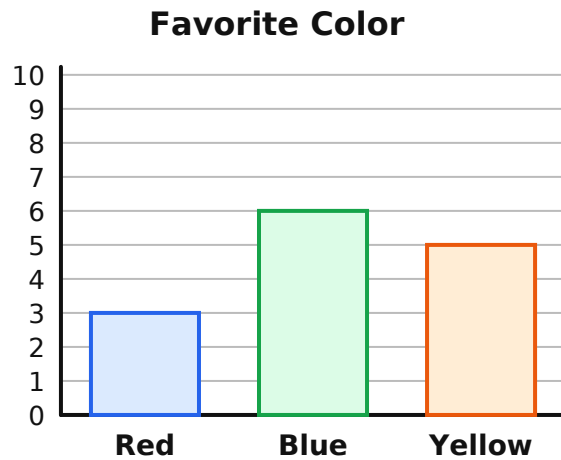
Question 6

Dogs have 9 votes and cats have 6 votes. Which number sentence tells how many more votes dogs have?

- A. $9+6=15$
- B. $9+9=18$
- C. $9-6=3$
- D. $6-6=0$

Question 7

How many students voted in all?



Red 3, blue 6, yellow 5.

- A. 11
- B. 6
- C. 15
- D. 14

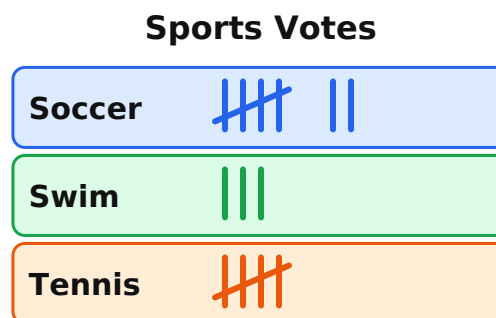
Question 8

Two bars on a bar graph are the same height. What does that mean?

- A. The first group has more.
- B. The first group has fewer.
- C. The two groups have the same number.
- D. Nobody voted for them.

Question 9

Which group has the fewest?



Tally of sports.

- A. Swim
- B. Soccer
- C. Tennis

D. Swim and Tennis

Question 10

Liam made a graph. Dogs have 8 votes, cats have 5 votes, and fish have 4 votes. How many students voted for cats or fish?

- A. 3
- B. 9
- C. 13
- D. 17

Answer key

1. **B** – Blue has 1 bundle of 5 and 4 more marks, so it is 9. Counting the crossing line as an extra mark gives 10, which is wrong.
2. **C** – Apple has 7 stars, more than pear with 6 and grape with 4.
3. **B** – Subtract the smaller number from the larger: $9 - 5 = 4$. Adding gives 14, which answers a different question.
4. **D** – Apples 7 and pears 4. $7 - 4 = 3$. Choosing 2 compares apples with plums by mistake.
5. **A** – A crossed bundle is 5. Then 5 and 3 more is 8.
6. **C** – To find how many more, subtract the smaller number from the larger number. Adding finds the total instead.
7. **D** – Add all three bars: $3 + 6 = 9$, then $9 + 5 = 14$.
8. **C** – Bars with the same height show equal numbers.
9. **A** – Swim has 3 marks. Soccer has 7 and tennis has 5, so swim is the smallest.
10. **B** – Add cats and fish: $5 + 4 = 9$. The answer 13 adds dogs and cats, and 17 adds all three groups.

Remember:

- A tally mark stands for 1, and a crossed bundle of marks stands for 5.
- In a picture graph, count the pictures in each row.
- In a bar graph, a taller bar means a greater number.
- To find how many more or fewer, subtract the smaller number from the larger number.