

Grade 1 - Organizing and Reading Data - Quiz

Common Core 1.MD.C.4 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **grade 1 data quiz** for 1st Grade covers organizing and reading data (Common Core 1.MD.C.4), with a free PDF to print.

Pick the best answer for each of the 10 questions about tally charts, picture graphs, and bar graphs. Look at the figure when there is one. Then read the explanation to learn from any mistake.

Grade 1 · Common Core State Standards: **1.MD.C.4**

Grade 1 data quiz: 10 questions

Questions

Question 1

Choice	Tally
Votes	

Tally marks.

How many votes do the tally marks show?

- A. 5
- B. 9
- C. 4
- D. 10

Question 2

Cats	★ ★ ★
Dogs	★ ★ ★ ★ ★ ★
Birds	★ ★ ★ ★

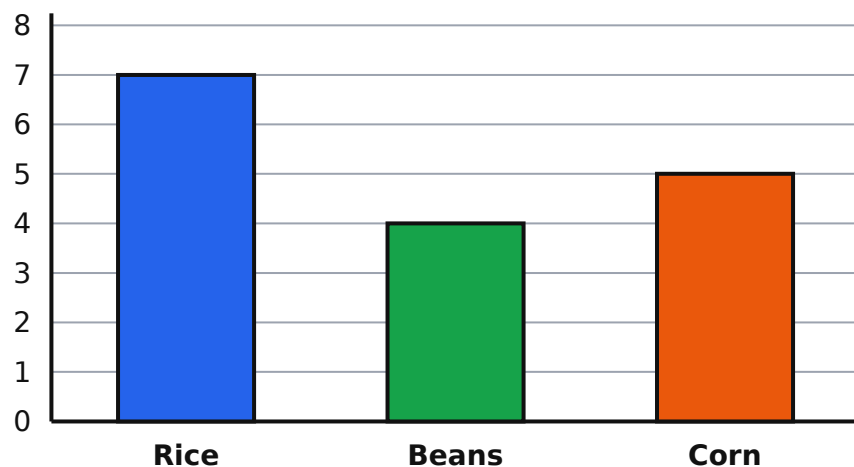
★ = 1 pet

Each star is 1 pet.

Which pet has the fewest stars?

- A. Cats
- B. Dogs
- C. Birds
- D. All the same

Question 3



Votes for a side dish.

How many more children chose rice than beans?

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

Question 4

Which graph uses bars to show data?

- A. A tally chart
- B. A bar graph

- C. A picture graph
- D. A number line

Question 5

How many groups of five are in 15 tally marks?

- A. 5
- B. 2
- C. 15
- D. 3

Question 6

A tally chart shows 6 cats and 3 dogs. How many more cats than dogs are there?

- A. 9
- B. 2
- C. 4
- D. 3

Question 7

In a picture graph, each star is 1 child. The soccer row has 8 stars. How many children chose soccer?

- A. 1 child
- B. 7 children
- C. 8 children
- D. 16 children

Question 8

A chart has 4 votes for red, 5 for blue, and 2 for green. How many votes are there in all?

- A. 11
- B. 9
- C. 10
- D. 12

Question 9

The pear bar stops at 7. The plum bar stops at 4. How many fewer plums than pears are there?

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

Question 10

What do we call information that we collect, like votes?

- A. Data
- B. A pattern
- C. A number line
- D. A clock

Answers

1. **B** – One group of five and 4 more lines make 9. Counting only the lines in the group gives a wrong answer.
2. **A** – Cats have 3 stars. That is less than 4 and less than 6. Dogs have the most.
3. **C** – Rice is 7 and beans are 4. Take away: $7 - 4 = 3$. Adding gives 11, which is how many in all.
4. **B** – A bar graph shows each group as a bar. A taller bar means more.
5. **D** – Three groups of five make 15, because $5 + 5 + 5 = 15$.
6. **D** – Take away: $6 - 3 = 3$. The answer 9 comes from adding by mistake.
7. **C** – Each star is 1 child, so 8 stars are 8 children.
8. **A** – Add $4 + 5 = 9$, then $9 + 2 = 11$.
9. **B** – Take away: $7 - 4 = 3$. Adding $7 + 4$ gives 11, which is not what the question asks.
10. **A** – Data is information we collect. We can show it in a chart or a graph.

Remember

Remember

- Data is information we collect, such as votes.
- A tally mark is one line for one vote, and every fifth line crosses four lines.
- In a picture graph, each picture stands for one vote.
- In a bar graph, a taller bar means more votes.
- Add to find the total. Take away to find how many more or how many fewer.

How to use this grade 1 data quiz

Answer each question, read the explanation that appears, and keep track of your score. A score of 8 out of 10 or more means you are ready for the test.

Download the grade 1 data quiz as a PDF with the button below and keep it with your notes.