

Name: _____ Date: _____

Answer Key: Which Snack Wins? A Pre-K Data Literacy Challenge

How do we remember what our friends like most? Use 10 questions to organize, compare, and count information about the classroom world.

1. If three friends choose apples and five friends choose bananas, which fruit did more friends like?

Answer: B) Bananas

Five is a bigger number than three, so we have more data points for the bananas.

2. A picture of a sun on a weather chart means it is a rainy day.

Answer: B) False

In a data chart, symbols represent real things. A sun symbol stands for a sunny day, not rain.

3. To remember everyone's favorite color, we should ____ it down on a chart.

Answer: B) Write

Recording or writing down information helps us manage data so we can look at it later.

4. You peek inside the toy box and see 4 red cars and 1 blue car. Which group is the smallest?

Answer: C) Blue cars

When we compare the sets, the number 1 is less than 4, making the blue car group the smallest.

5. If we want to know how many kids are at school, we can count the backpacks in the cubbies.

Answer: A) True

Counting objects like backpacks is a way to collect data about how many people are in the room.

6. If we sort blocks by ____, all the square blocks go in one pile and triangles in another.

Answer: B) Shape

Sorting by shape is a way to organize data based on what the objects look like.

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7. The teacher makes a tally mark for every student who wants juice. What does one tally mark (|) mean?

Answer: B) One kid

A tally mark is a data tool where one mark represents one single count or person.

8. A sticker chart shows that Leo has 10 stickers and Sam has 2. This means Sam has more stickers.

Answer: B) False

By evaluating the numbers, we see 10 is more than 2, so Leo actually has more.

9. When we put our shoes in a row to see which are biggest, we are ____ them.

Answer: A) Comparing

Comparing is looking at two or more pieces of data to see how they are different or the same.

10. If we want to know what the weather was like yesterday, where is the best place to look?

Answer: C) Our class weather calendar

A calendar is a managed data source that stores information about what happened on different days.