

Max's Statistics Challenge

Learning objective: To interpret and construct simple pictograms, tally charts, and block diagrams to solve problems.

Use these flashcards to test your knowledge of statistics. Max the monkey is ready to help you count, sort, and organise data!

What is a 'Tally chart'?

A way of recording data using small marks (tallies) to count items, usually in groups of five.

In a tally, what does a diagonal line through four vertical lines (||||) represent?

The number 5.

What is a 'Pictogram'?

A chart that uses pictures or symbols to represent data.

In a pictogram, what is a 'Key'?

A guide that tells you what each picture or symbol stands for (e.g., one apple picture = 2 real apples).

If a pictogram shows 3 stars and the key says 1 star = 2 points, how many points are there in total?

6 points.

What is a 'Block diagram'?

A graph that uses blocks to show information, where each block usually represents one item.

Max has 4 bananas, 3 apples and 2 pears. How many pieces of fruit does he have altogether?

9 pieces of fruit.

If 12 children like blue and 8 children like red, how many more children like blue than red?

4 more children.

What does the word 'Total' mean in statistics?

The final amount when you add all the parts together.

If a tally shows |||| ||, what is the total number?

7.