MATHEMATICS · KINDERGARTEN TO GRADE 3

Bar graphs

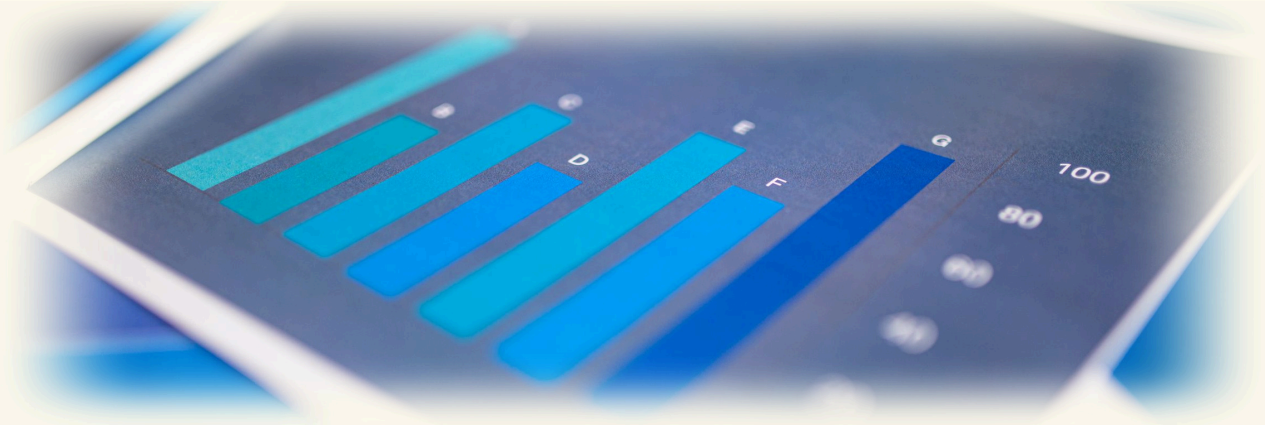
Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you compare numbers at a glance. Which month had the most rain, or which snack sold best at the school fair, is obvious from how tall each bar is. Bar graphs turn a table of numbers into a picture you can read in seconds, which is why they show up in news, reports, and school projects.

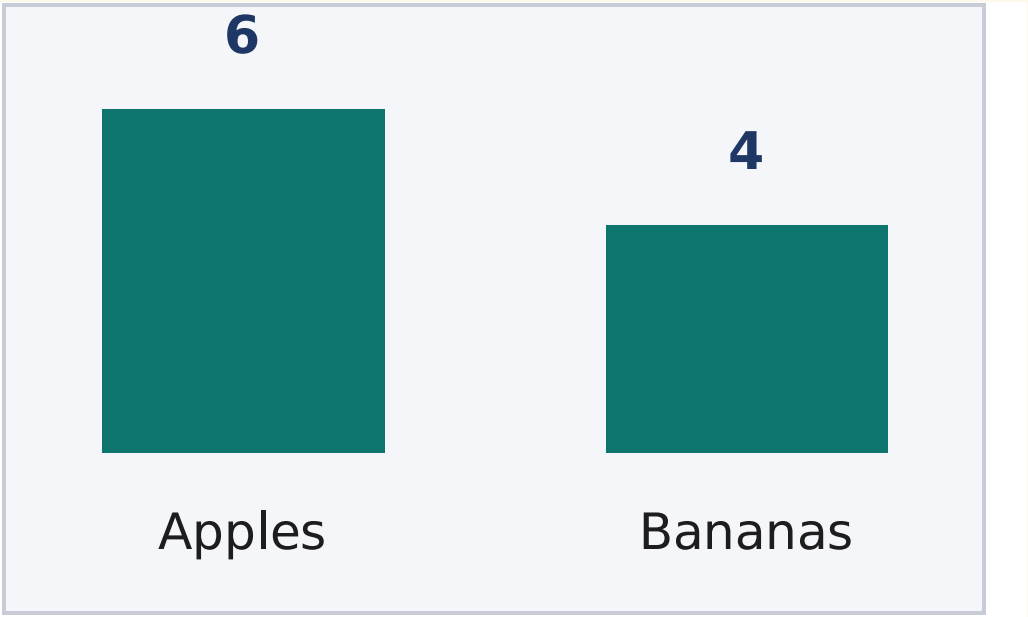


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Worked examples

EXAMPLE 1

Q Read this bar graph: Apples 6, Bananas 4



SOLUTION

Find the bar for Apples and read its top against the scale: 6.

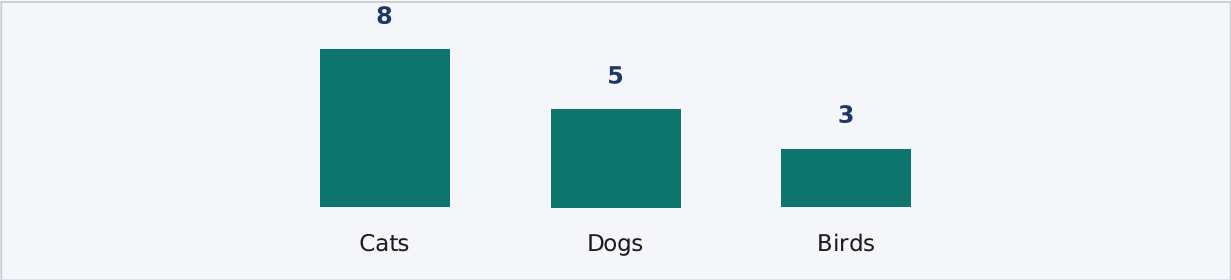
Find the bar for Bananas and read its top: 4.

So there are 6 apples and 4 bananas.

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EXAMPLE 2

Q Which bar is tallest: Cats 8, Dogs 5, Birds 3?



SOLUTION

Read each bar: Cats 8, Dogs 5, Birds 3.

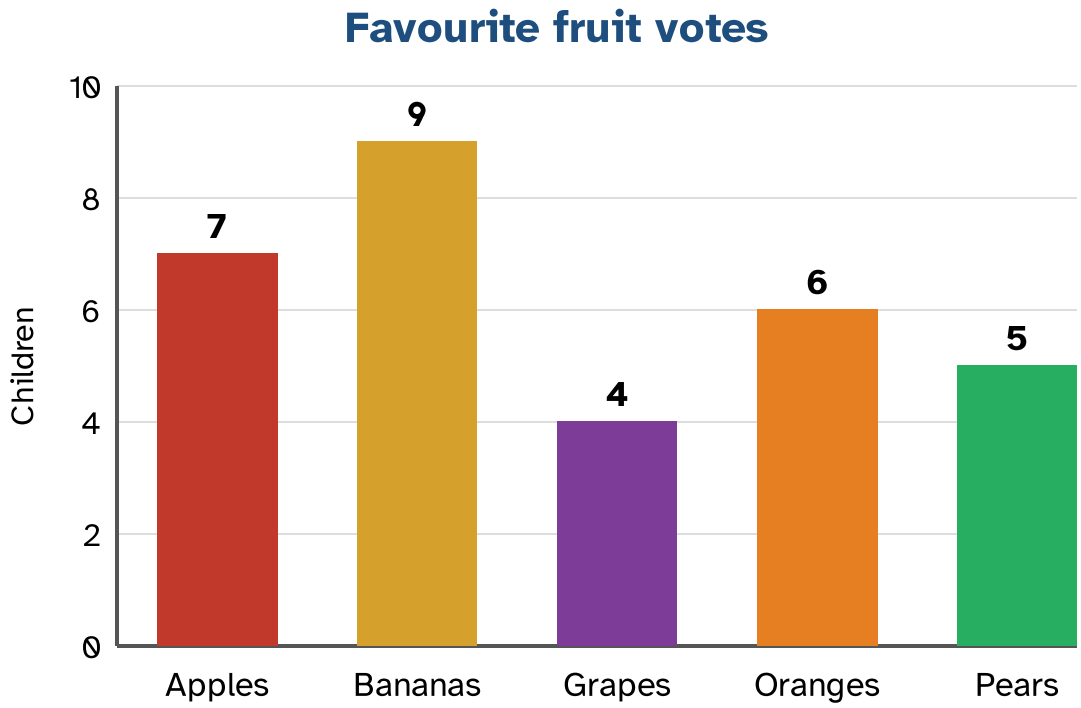
Compare the heights: 8 is the tallest.

So Cats is the tallest bar.

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Practice questions

1 Our class voted for a favourite fruit. The bar graph shows the results. Use it to answer questions 1 to 10. How many children chose apples?



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2

Which fruit was chosen by 9 children?

A Apples

B Bananas

C Grapes

D Oranges

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3

Which fruit did the most children choose?

A Apples

B Bananas

C Grapes

D Oranges

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4 Which fruit did the fewest children choose?

- A Apples
- B Bananas
- C Grapes
- D Oranges

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5 How many more children chose bananas than chose grapes?

_____

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6 **Which two fruits together were chosen by exactly 10 children?**

- **A** Apples and Grapes
- **B** Grapes and Oranges
- **C** Bananas and Pears
- **D** Apples and Pears

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7 **How many children chose apples and oranges together?**

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8 **How many children voted in the fruit vote in all?**

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9 **Put the fruits in order from the fewest votes to the most votes. Which order is correct?**

- **A** Grapes, Pears, Oranges, Apples, Bananas
- **B** Bananas, Apples, Oranges, Pears, Grapes
- **C** Grapes, Oranges, Pears, Apples, Bananas
- **D** Pears, Grapes, Apples, Oranges, Bananas

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10 **After the vote, 3 more children choose pears. How many children chose pears now?**

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ANSWER KEY

1. 7

2. Bananas

3. Bananas

4. Grapes

5. 5

6. Grapes and Oranges

7. 13

8. 31

9. Grapes, Pears, Oranges, Apples, Bananas

10. 8

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