MATHEMATICS · KINDERGARTEN TO GRADE 3

Comparing quantities in graphs

Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you compare amounts in a graph. Which month sold the most lemonade or which team scored the most is right there in the bars, once you know how to read each one and compare the numbers. Graphs are everywhere in news and reports, so reading them accurately is a skill you use far beyond maths class.



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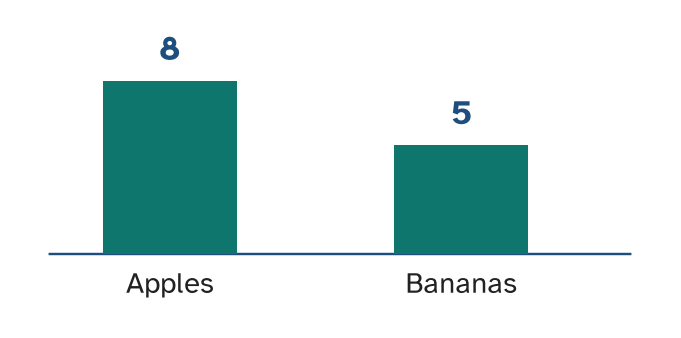
Worked examples

EXAMPLE 1

Q Compare: Apples 8, Bananas 5. Which has more?



SOLUTION

Read the Apples bar: 8.

Read the Bananas bar: 5.

8 is more than 5, so Apples has more.

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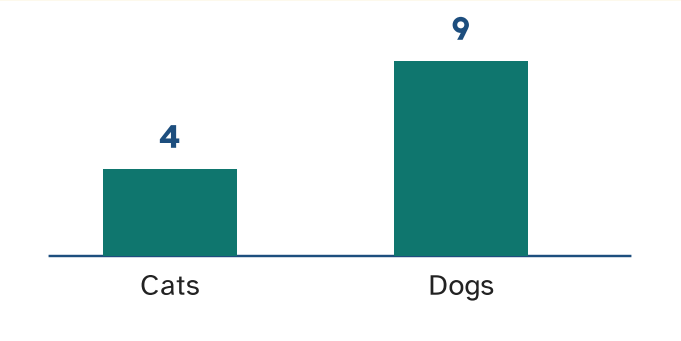
EXAMPLE 2

Q Compare: Cats 4, Dogs 9. How many more dogs?



SOLUTION

Read the Cats bar: 4.

Read the Dogs bar: 9.

Subtract: 9 - 4 = 5, so there are 5 more dogs.

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Practice questions

1 Lemonade sold:
June: 8 cups
July: 5 cups
Which month sold more lemonade?

- A June
- B July
- C They sold the same number of cups
- D Neither month sold any lemonade

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2 June sold 8 cups of lemonade and July sold 5 cups. How many more cups were sold in June than in July?

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3 **4 cats and 9 dogs. How many more dogs are there than cats?**

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4 **Team A scored 12 points and Team B scored 12 points. Are the two scores equal?**

A Yes

B No

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5

Maya read 7 books and Noah read 4 books. Who read fewer books?

A Maya

B Noah

C They read the same number of books

D Neither of them read any books

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6

Maya read 7 books and Noah read 4 books. How many books did Maya and Noah read in all?

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7 8 apples and 5 bananas were sold. Which fruit sold more?

- A Apples
- B Bananas
- C They sold the same number
- D Neither fruit was sold

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8 Bag P holds 15 marbles and Bag Q holds 5 marbles. How many marbles are there in all?

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9 Box X has 9 stickers and Box Y has 6 stickers. How many fewer stickers are in Box Y than in Box X?

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10 Team A scored 14 points and Team B scored 9 points. How many fewer points did Team B score than Team A?

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ANSWER KEY

1. June

2. 3

3. 5

4. Yes

5. Noah

6. 11

7. Apples

8. 20

9. 3

10. 5

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