

Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 5

LO: TBAT interpret data in line and bar graphs (revision).

Task: You are going apply your knowledge to solve several problems including interpreting data in line and bar graphs.

Success Criteria:

- | |
|---|
| 1. Read the graph. |
| 2. To find information start with the x axis (horizontal line). |
| 3. Then go up the y axis (vertical line). |

Recap:

Please watch my model video from last week.

Task 1

SATs Book Activities
Developing/ Expected
Pg. 53 and 55

Greater Depth
Pg. 55 and 57

Task 2

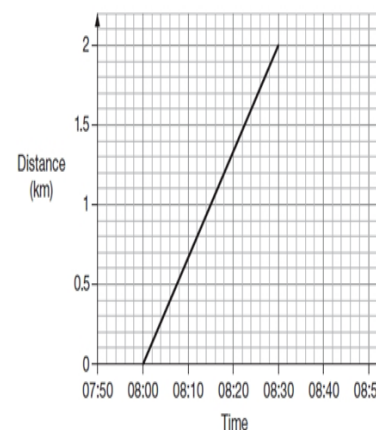
Arithmetic

- 15 $\frac{4}{5} = \frac{?}{100}$
- 16 $82.7 \times 6 =$
- 17 $4^3 - 2^2 =$
- 18 $2.89 + 100 =$
- 19 $\frac{5}{6}$ of $72 =$
- 20 $63.82 + 217.7 =$
- 21 $720 \div 42 =$

Task 3

Problem Solving/ Reasoning
Task 1

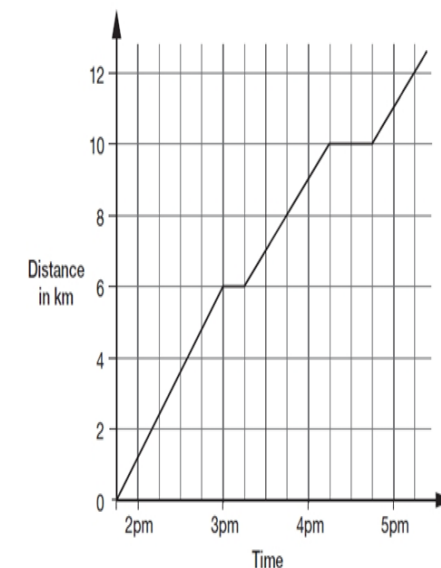
Alfie and his brother walked from home to their school.
Their school is 2 kilometres from home.
The graph shows information about Alfie's journey.



- (a) How does the graph show that Alfie walked at a constant speed for all of his journey?
- (b) Alfie's brother left home 10 minutes before Alfie.
He arrived at school 20 minutes after Alfie.
He walked at a constant speed for all of his journey.
At what time did Alfie overtake his brother?

Task 2

This graph shows the distance Alfie and Chen walked in an afternoon. They started at 1:45pm and had two breaks.

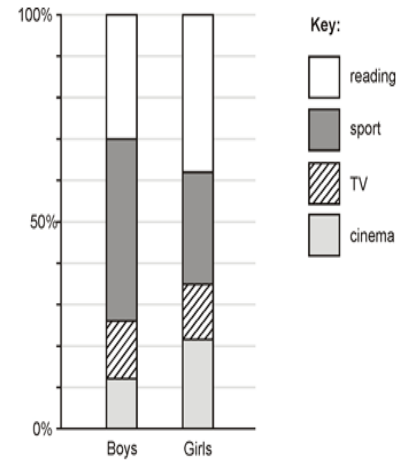


- How many kilometres did they walk between the first and second breaks?
- At what time did Alfie and Chen start their second break?

Task 3

Alfie asks some boys and girls about their favourite hobby.

He shows the results on a graph.



The graph shows that 44% of boys chose sport.

Estimate the percentage of girls who chose sport.

120 boys chose reading.

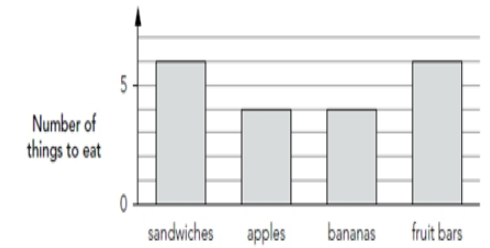
Estimate the number of boys who chose cinema.

Task 4

This table shows the number of things to eat in five children's lunch boxes.

	sandwiches	apples	bananas	fruit bars
Lisa	1	2	0	2
Jack	2	0	2	1
Kemi	1	1	0	2
Nik	1	2	1	0
Ben	2	1	2	1

Here is a graph of the information for four of the children.



Which child's information is missing from the graph?

Explain how you know.

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