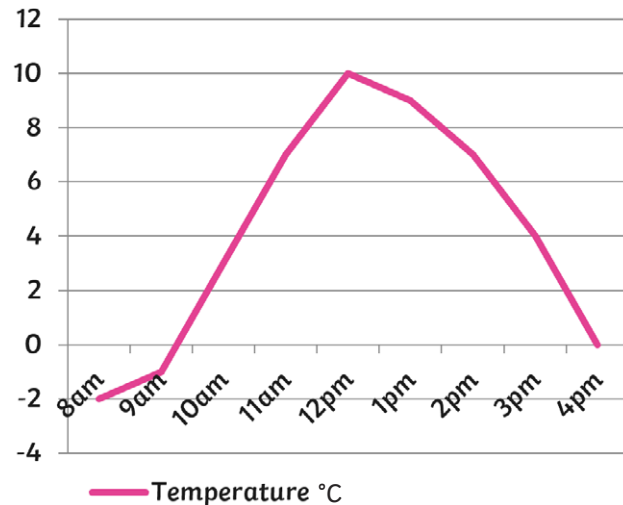


Line Graphs

a

Interpret line graphs and use these to solve problems.

Here is a line graph showing the temperature at different times in the day.



1. What is the highest temperature?

2. How many times is the temperature 6°C?

Mean

b

Calculate and interpret the mean as an average.

Here are some scores in a times tables test taken by 6 children. What is the mean of the results?

6	4	9	8	2	7
---	---	---	---	---	---

Pie Charts

c

Interpret pie charts and use these to solve problems.

A group of 40 children were asked to name their favourite animal. Here is a pie chart showing the results:

-  dog
-  parrot
-  hamster
-  cat



This pie chart represents **40 children**.

1. How many children chose dogs as their favourite pet?

2. How many children chose hamsters as their favourite pet?

Statistics Mat Expected Year 6

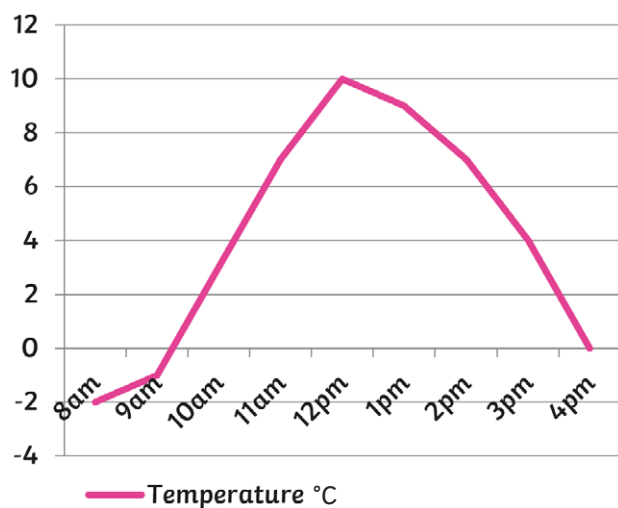
1

Line Graphs

a

Interpret line graphs and use these to solve problems.

Here is a line graph showing the temperature at different times in the day.



1. What is the highest temperature?

2. How many times is the temperature 6°C?

Line Graphs

The temperature was recorded the following day. Construct a line graph from the data in this table.

Time	Temperature °C
9am	4
10am	8
11am	12
12pm	14
1pm	13
2pm	10
3pm	9
4pm	6

Mean

b

Calculate and interpret the mean as an average.

Here are some scores in a times tables test taken by 6 children. What is the mean of the results?

6	4	9	8	2	7
---	---	---	---	---	---





Explain how to find the mean of a set of 5 numbers.

Pie Charts

c

Interpret pie charts and use these to solve problems.

A group of 40 children were asked to name their favourite animal. Here is a pie chart showing the results:

-  dog
-  parrot
-  hamster
-  cat



This pie chart represents **40 children**.

1. How many children chose dogs as their favourite pet?

2. How many children chose hamsters as their favourite pet?

A different group of children were asked to name their favourite animal. Here is a table showing the results. Construct a pie chart from the data:

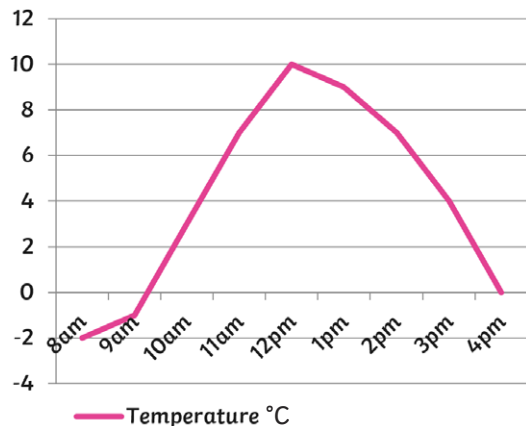
Pet	Number of children
Dog	16
Cat	12
Rabbit	4

Line Graphs

a

Interpret line graphs and use these to solve problems.

Here is a line graph showing the temperature at different times in the day.



- What is the highest temperature?

- At which times is the temperature 6°C?

- Between which hours is the smallest change in temperature?

Record the temperature over a school day and use the data to construct a line graph.

Mean

b

Calculate and interpret the mean as an average.

Here are some scores in a times tables test taken by 6 children. What is the mean of the results?

6	4	9	8	2	7
---	---	---	---	---	---

In another test the same 6 children achieved a mean of 12. Here are 5 of the scores. Explain how to find what is the 6th score.

18	13	10	7	13	
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Pie Charts

c

Interpret pie charts and use these to solve problems.

A group of 40 children were asked to name their favourite animal. Here is a pie chart showing the results:

- dog
- parrot
- hamster
- cat



This pie chart represents **40 children**.

Explain how you can calculate that 5 people chose the parrot.

A different group of children were asked to name their favourite animal. Here is a table showing the results. Construct a pie chart from the data:

Pet	Number of children
Dog	10
Cat	12
Rabbit	4
Hamster	10