

National curriculum tests

# Key stage 2

## Mathematics

### Paper 2: reasoning

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						

# PRACTICE PAPER

2016-KS2-M2-A

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**Please do not write on this page.**

## Instructions

You **may not** use a calculator to answer any questions in this test.

### Questions and answers

You have **40 minutes** to complete this test.

Follow the instructions for each question.

Work as quickly and as carefully as you can.

If you need to do working out, you can use the space around the question.

**Some questions have a method box like this:**

Show your method

For these questions you may get a mark for showing your method.

If you cannot do one of the questions, **go on to the next one.**

You can come back to it later, if you have time.

If you finish before the end, **go back and check your work.**

### Marks

The number under each line at the side of the page tells you the maximum number of marks for each question.

1

Write the missing number.

One is done for you.

180  $\xrightarrow{\text{is 30 more than}}$  150

$\xrightarrow{\text{is 30 more than}}$  195

1 mark

SAMPLE

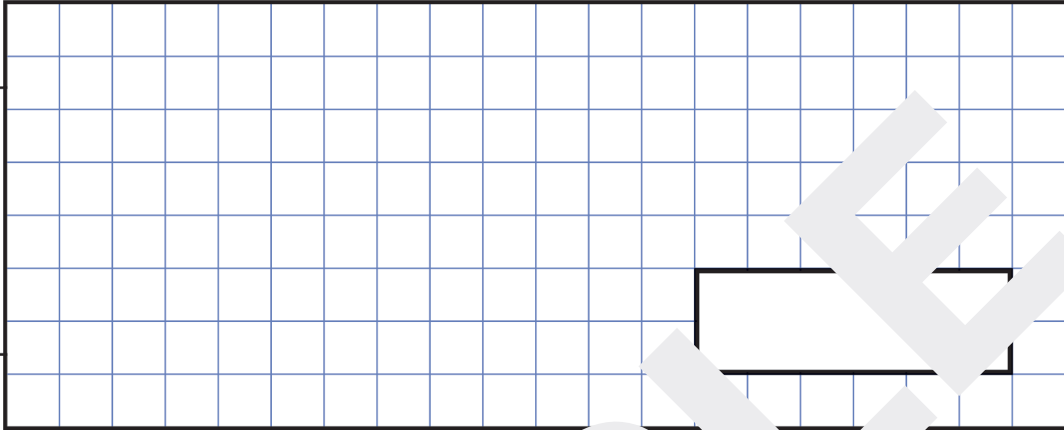
2

There are 160 books on a shelf.

7 children each take 4 books.

How many books are left on the shelf?

Show  
your  
method

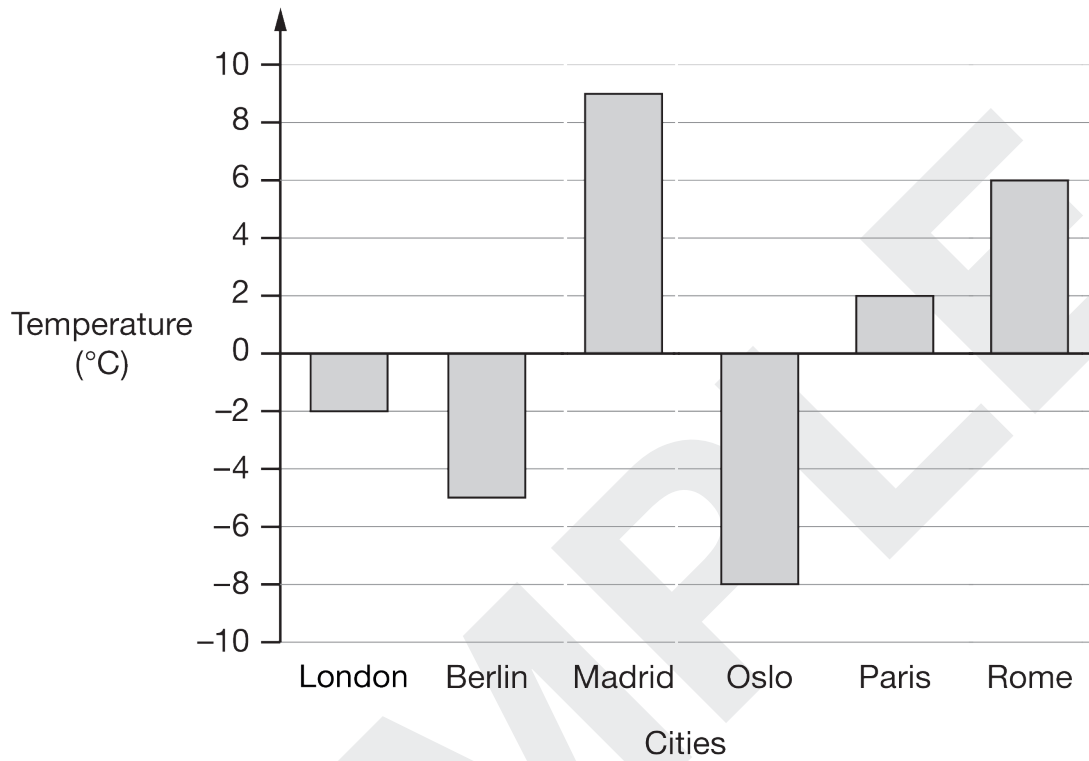


2 marks

SAMPLE

3

This graph shows the temperature in six cities on one day in February.



Which city was 7 degrees colder than Paris?

\_\_\_\_\_ 1 mark

What was the **difference** between the temperature in Rome and the temperature in Madrid?

°C

\_\_\_\_\_ 1 mark