National Curriculum Tests

Key Stage 2

Mathematics

Paper 1: Arithmetic

First Name						
Middle Name						
Last Name						
Date of Birth	Day		Month		Year	
School Name						

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Cambridgeshire County Council

Cambs Maths Team

Please note:

The following test uses questions from Paper 1, the arithmetic paper, from the 2019 SATs.

The questions have been organised from Year 3 content to Year 6 content and additional pages have been inserted to divide the paper up into sections in case teachers wish to administer the test in smaller sections and build pupil's confidence over a period of time.

Questions that require knowledge from different year groups have been placed within the section for the older year group content.

Instructions

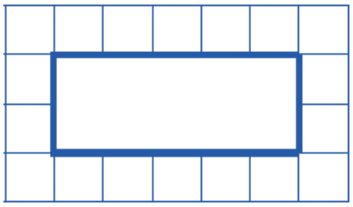
You **may not** use a calculator to answer any questions in this test.

Questions and answers

You have **30 minutes** to complete this test.

Work as quickly and as carefully as you can.

Put your answer in the box for each question.



All answers should be given as a single value.

For questions expressed as common fractions or mixed numbers, you should give your answers as common fractions or mixed numbers.

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 you work.**

Marks

The number under each box at the side of the page tells you the number of marks available for each question.

In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2** marks for a correct answer.
You may get **1** mark for showing a formal method.

All other questions are worth **1 mark each.**

Year 3

1 $826 = 800 + \square + 6$

1 mark

2 $\square + 5 = 341$

1 mark

3 $\square = 87 - 65$

1 mark

4 $602 - \square = 594$

1 mark

Year 4

5 ☐ = 6,000 + 90

1 mark

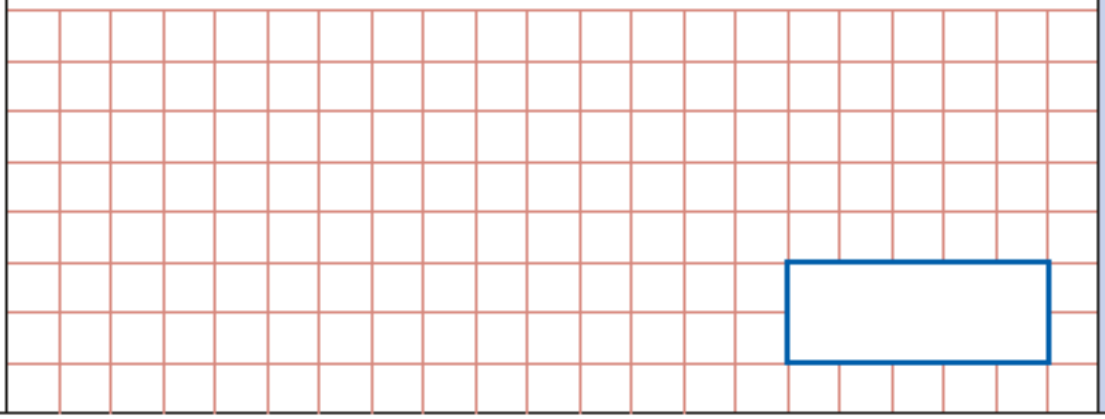
6 ☐ = 8,275 + 82

1 mark

7 9 × 41 = ☐

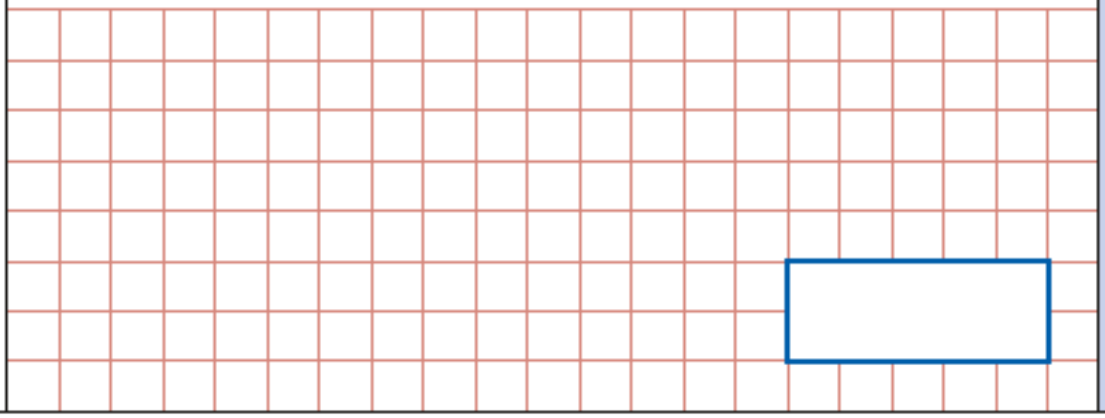
1 mark

8 $180 \div 3 =$



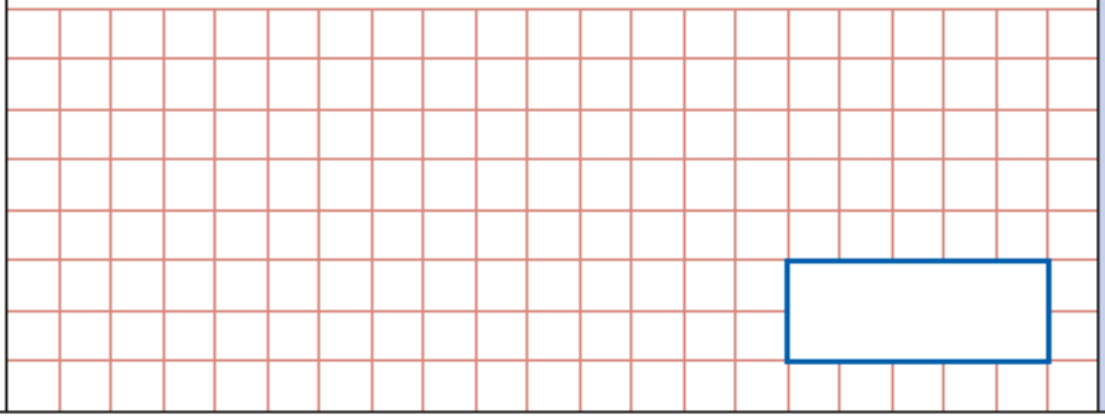
1 mark

9 $120 \div 12 =$



1 mark

10 $213 \times 0 =$



1 mark

11 $1{,}210 \div 11 =$

1 mark

12 $7 - 2.25 =$

1 mark

13 $9 - 1.9 =$

1 mark

Year 5

14 $5.87 + 3.123 =$

1 mark

15 $91 \div 7 =$

1 mark

16 $3^3 =$

1 mark

17 $101 \times 1{,}000 =$

1 mark

18 $1\frac{3}{4} \times 10 =$

1 mark

19 $\frac{5}{6} \times 540 =$

1 mark

Year 6

20 $25.34 \times 10 =$

1 mark

21 $60 \div (30 - 24) =$

1 mark

22 20% of 3,000 =

1 mark

23 $0.9 \div 100 =$

1 mark

24 $1\frac{3}{7} - \frac{4}{7} =$

1 mark

25

$$\begin{array}{r} 836 \\ \times \quad 27 \\ \hline \end{array}$$

Show your method

2 marks

26 $\frac{1}{5} + \frac{3}{4} =$

1 mark

27 $3\overline{)888}$

Show your method

2 marks

28 $1\frac{1}{5} + 2\frac{1}{10} =$

1 mark

29 35% of 320 =

1 mark

30 $\frac{8}{9} - \frac{1}{4} =$

1 mark

31 51% of 900 =

1 mark

32

$$\begin{array}{r} 3\,4\,6\,8 \\ \times\quad\quad 6\,2 \\ \hline \end{array}$$

Show your method

2 marks

33

$\frac{2}{3} \div 3 =$

1 mark

34

$2\frac{1}{2} - \frac{3}{4} =$

1 mark

35 36% of 450 =

1 mark

36 8 3 | 8 0 5 1

Show your method

2 marks