National Curriculum Tests

# Key Stage 2

# Mathematics

# Paper 1: Arithmetic

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

Published November 2020

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

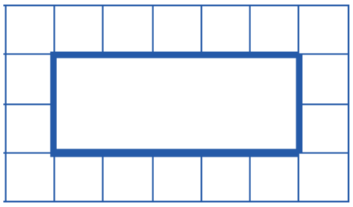
You **may not** use a calculator to answer any questions in this test.

## 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

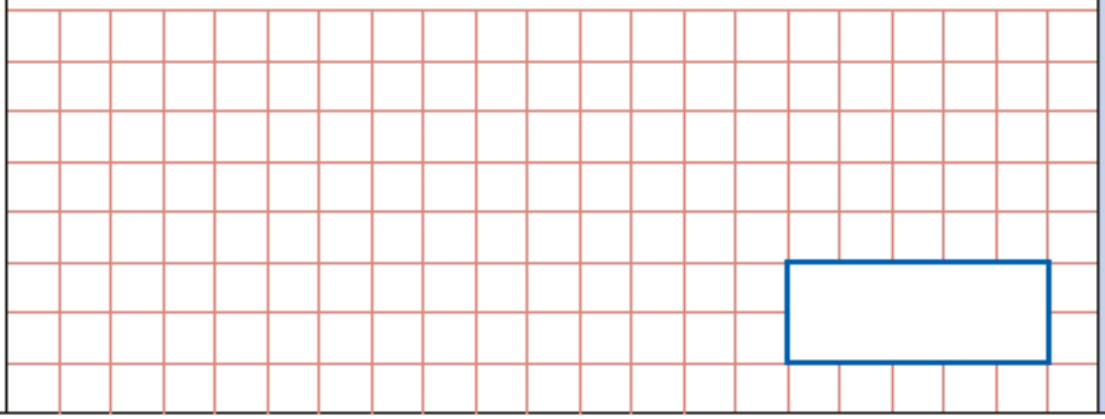
**6** ☐ = 8,275 + 82

1 mark

**7** 9 × 41 = ☐

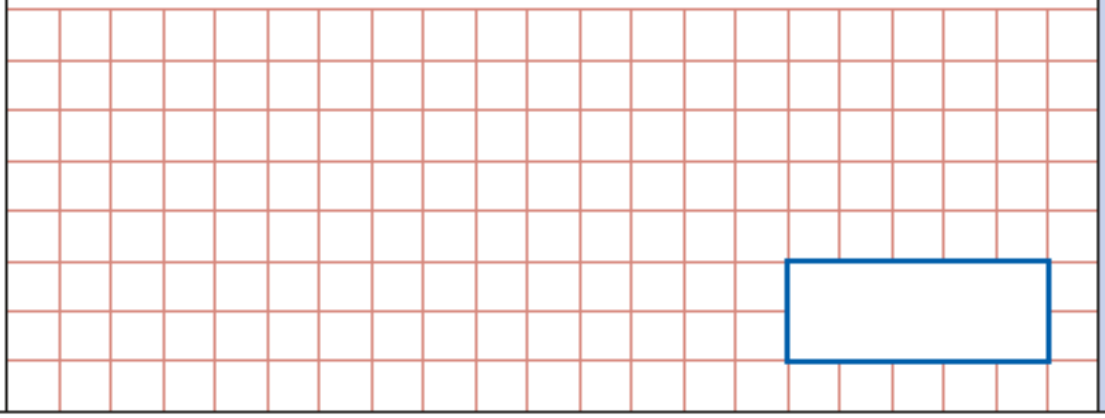
1 mark

**8** $180 \div 3 =$



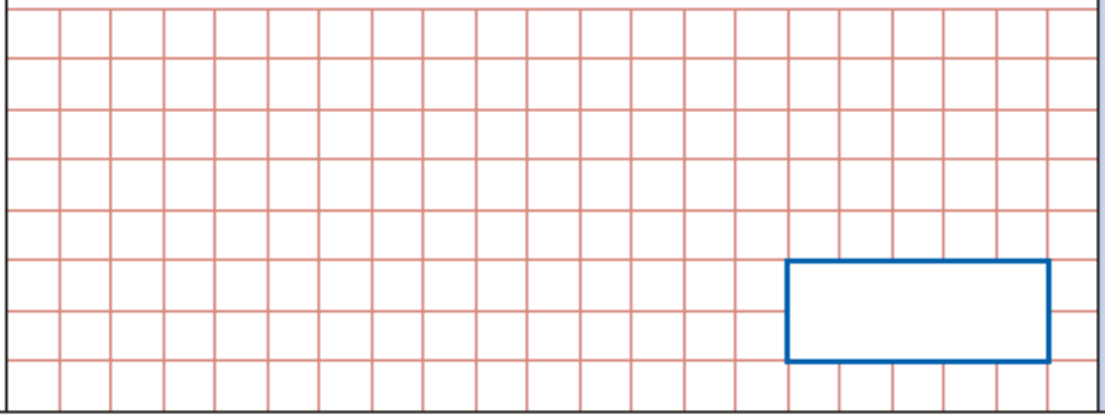
1 mark

**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