Key stage 2

Mathematics

Paper 1: arithmetic

First name	
Middle name	
Last name	
Date of birth	Day ___ Month ___ Year ___
School name	
DfE number	

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Instructions

You **must 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 a question, **go on to the next one**.
You can come back to it later, if you have time.

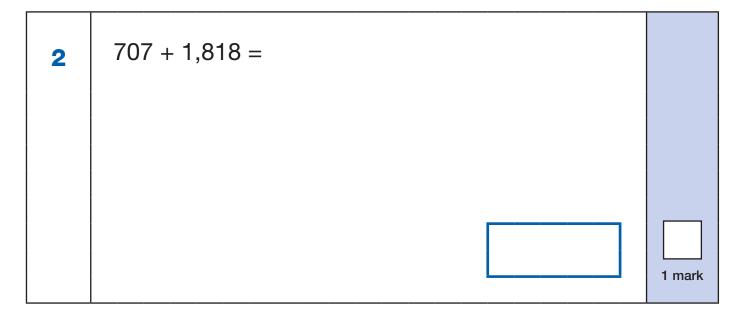If you finish before the end, **go back and check your work**.

Marks

The number under each box at the side of the page tells you the maximum number of marks for each question.
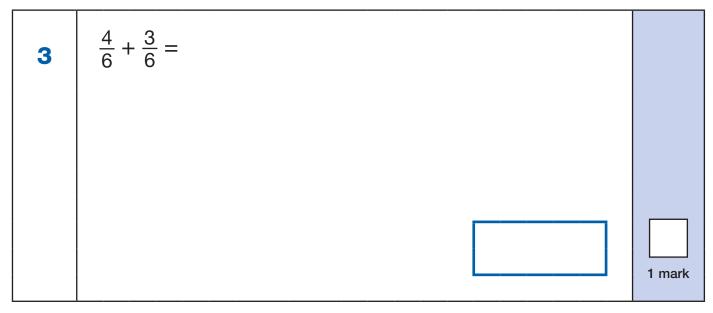
In this test, long division and long multiplication questions are worth **TWO marks each**. You will be awarded **TWO** marks for a correct answer. You may get **ONE** mark for showing a formal method.

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

1 40 + 1,000 =

1 mark

2 707 + 1,818 =

1 mark

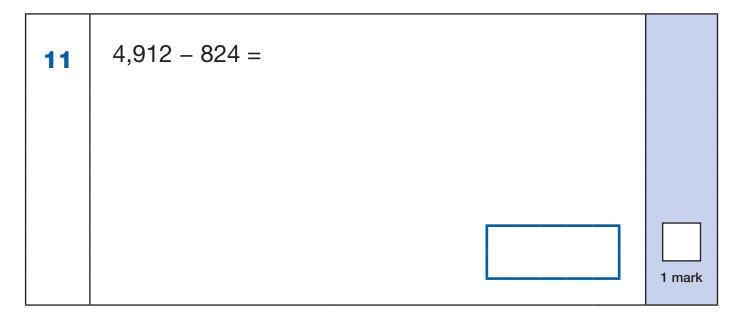**3** $\dfrac{4}{6} + \dfrac{3}{6} =$

1 mark

4 505 ÷ 1 =

5 345 − 60 =

6 2.7 + 3.014 =

F 0 0 0 6 0 A 0 5 2 0

7

$\boxed{} = 4{,}500 + 600$

1 mark

8

$8 \times 33 =$

1 mark

9

$72 \div 9 =$

1 mark

10 $167 \times 4 =$

1 mark

11 $4{,}912 - 824 =$

1 mark

12 $\dfrac{62}{100} - \dfrac{38}{100} =$

1 mark

13

$$\boxed{} - 100 = 1{,}059$$

14

$$50 + (36 \div 6) =$$

15

$$\frac{4}{6} \times \frac{3}{5} =$$

F 0 0 0 6 0 A 0 8 2 0

16 $30 \times 40 =$

1 mark

17 $581 \div 7 =$

1 mark

18 $0.04 \div 10 =$

1 mark

19

2,345 × 1,000 =

1 mark

20

Show your method

17 | 7 1 4

2 marks

21   9 − 3.45 =

1 mark

22

$$\begin{array}{r} 4\ 7\ 8\ 1 \\ \times\qquad 2\ 3 \\ \hline \end{array}$$

Show your method

2 marks

F 0 0 0 6 0 A 0 1 1 2 0

23

$$\frac{3}{4} - \frac{3}{8} =$$

1 mark

24

Show your method

$$
\begin{array}{r}
4\ 1\ 8 \\
\times\ \ \ 4\ 6 \\
\hline
\end{array}
$$

2 marks

25 37.8 – 14.671 =

1 mark

26 $\frac{1}{4} + \frac{1}{5} + \frac{1}{10} =$

1 mark

27 $\frac{4}{5} \div 4 =$

1 mark

28 $\frac{5}{8} \div 2 =$

29 45% of 460 =

30 $2\frac{1}{3} + \frac{5}{6} =$

F 0 0 0 6 0 A 0 1 4 2 0

31   7% of 500 =

<div style="border:1px solid blue;"></div>

1 mark

32 $\dfrac{2}{6} - \dfrac{1}{8} =$

<div style="border:1px solid blue;"></div>

1 mark

33 0.9 × 200 =

1 mark

34 15% × 1,000 =

1 mark

35 $1\frac{1}{2} \times 57 =$

<div style="text-align:right">1 mark</div>

36

Show your method

$59\overline{)2\ 2\ 4\ 2}$

<div style="text-align:right">2 marks</div>

[END OF TEST]

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F 0 0 0 6 0 A 0 1 8 2 0

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If you have any queries regarding these test materials contact the national curriculum assessments helpline on 0300 303 3013 or email assessments@education.gov.uk.