Key stage 2

Mathematics

Paper 1: arithmetic

First name	Joe					
Middle name						
Last name	King					
Date of birth	Day	27	Month	11	Year	12
School name	St Hubert's					
DfE number	000/0000					

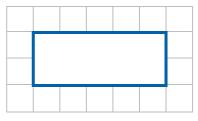**[BLANK PAGE]**

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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 answer as a common fraction, a mixed number or a whole number as appropriate.

If you cannot do a question, **go on to the next one**.
You can come back to it later, if you have time.

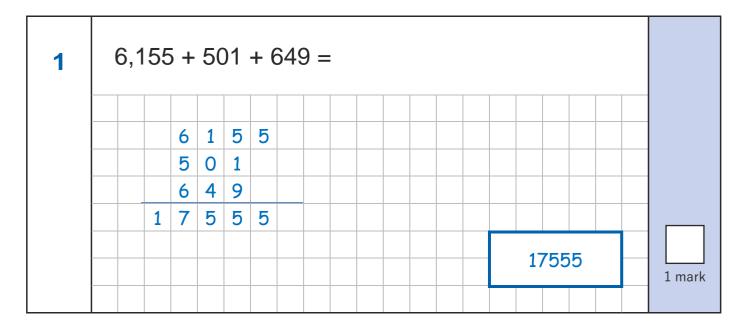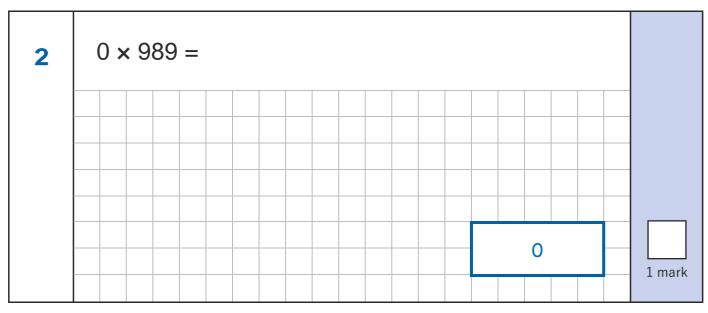If you finish before the end, **go back and check your work**.

Marks

The number under each box at the side of the page tells you the number of marks available for each question.
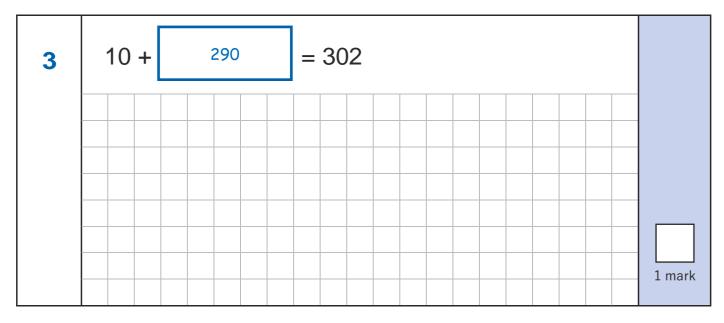
In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2** marks for a correct answer.
You may get **1** mark for showing a formal method.

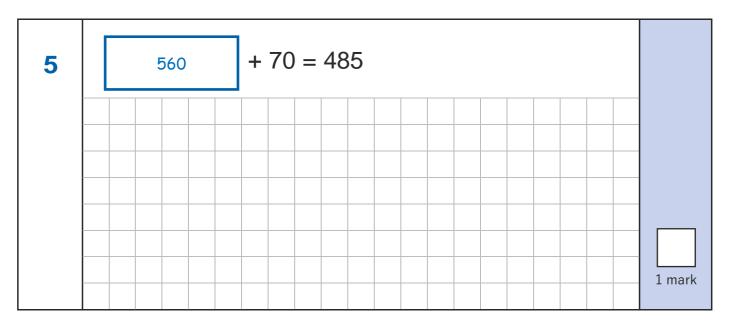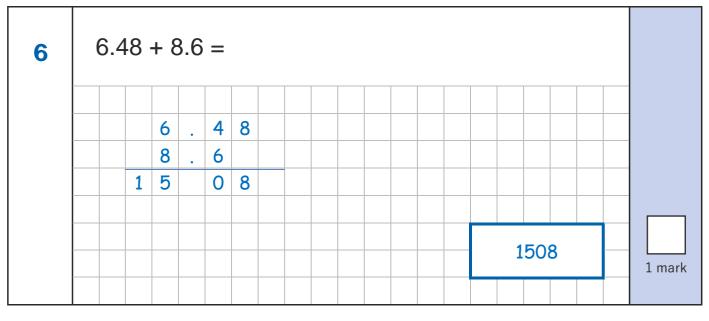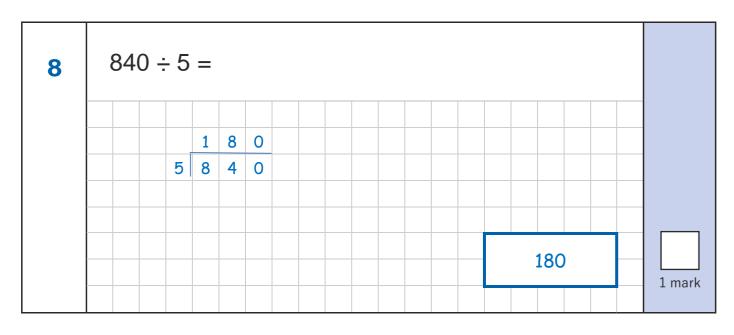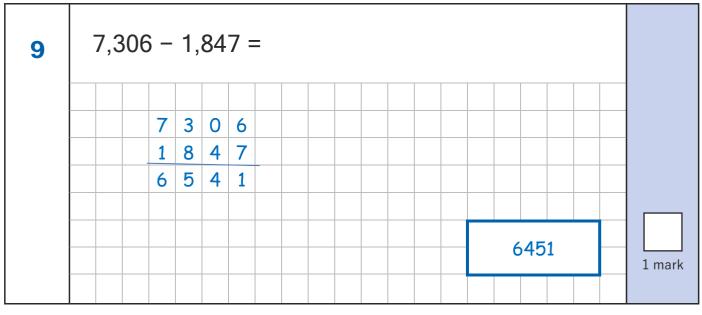All other questions are worth **1 mark each**.

1   6,155 + 501 + 649 =

		6	1	5	5
		5	0	1	
		6	4	9	
	1	7	5	5	5

17555

1 mark

2   0 × 989 =

0

1 mark

3   10 + ⟨ 290 ⟩ = 302

1 mark

4   2,400 ÷ 2 =

| 1200 |

5 | 560 | + 70 = 485

6   6.48 + 8.6 =

```
  6 . 4 8
  8 . 6
1 5   0 8
```

| 1508 |

7 | 248 | = 240 ÷ 8

---

8   840 ÷ 5 =

```
      1  8  0
  5 | 8  4  0
```

| 180 |

---

9   7,306 − 1,847 =

```
    7  3  0  6
    1  8  4  7
    6  5  4  1
```

| 6451 |

K00060A0620

10 1,010 × 10 =

10100

1 mark

11 560 ÷ 7 =

$$7 \overline{\smash)5\,6\,0} = 0\,0\,8$$

008

1 mark

12 6 × 10 × 11 =

116

1 mark

13 1,080 ÷ 9 =

$$
\begin{array}{r}
1\ 0\ 9\ \text{r}\ 1 \\
9\overline{)1\ 0\ 8\ 0}
\end{array}
$$

109r 1

1 mark

14 500,000 − 5,000 =

0

1 mark

15 ☐ = 596 × 7

$$
\begin{array}{r}
5\ 9\ 6 \\
\times\quad\ \ 7 \\
\hline
4\ 1\ 3\ 2
\end{array}
$$

1 mark

16 2.12 ÷ 10 =

21.2

1 mark

17

Show your method

```
        1 1 2
2 1 | 6 7 2
      2 1
      4 6 2
      2 1 0
      2 5 2
      2 1 0
        4 2
        4 2
```

112

2 marks

18 $\dfrac{4}{9} + \dfrac{2}{3} =$

$$\dfrac{6}{12}$$

19

$$\begin{array}{r} 6\ 0\ 7 \\ \times\quad 8\ 3 \\ \hline 1\ 8\ 2\ 1 \\ 4\ 8\ 5\ 6 \\ \hline 6\ 6\ 7\ 7 \end{array}$$

Show your method

6677

20 13.05 × 1,000 =

13.05000

1 mark

21 $\frac{2}{3} + 2\frac{1}{3} =$

3

1 mark

22 $\frac{7}{10}$ of 30 =

30 ÷ 10 = 3
3 × 7 = 21

21%

1 mark

23 $8 - 5.123 =$

$$3.\,877$$

24 $\dfrac{1}{8} \div 2 =$

$$\dfrac{1}{16}$$

25 $\dfrac{1}{2} + \dfrac{1}{3} =$

$$\dfrac{2}{6}$$

K 0 0 0 6 0 A 0 1 2 2 0

26 26 − 2.012 =

28.012

1 mark

27 15% of 3,200 =

10 % of 3 2 0 0 = 3 2 0
5 % of 3 2 0 0 = 1 1 0
4 3 0

430%

1 mark

28   2% of 3,000 =

<div style="text-align:right">600</div>

1 mark

29

Show your method

```
        0 0 5 5 5  r 18
7 3 3 0 6 6
      3 6 5
        6 1 6
        3 6 5
        3 5 1
        3 6 5
          1 8
```

555r18

2 marks

30 80% of 115 =

$10\% \text{ of } 115 = 11.5$

$11.5 \times 8 = 88.4$

88.4

1 mark

31 $\frac{2}{7} - \frac{1}{9} =$

$\frac{1}{2}$

1 mark

32 $2\frac{1}{2} - \frac{2}{3} =$

$2\frac{1}{1}$

1 mark

33

```
      4 0 7 8
  ×         6 7
    2 8 5 4 6
  2 4 4 6 8 0
  2 6 2 1 2 6
```

Show your method

262126

2 marks

34

$$10 - 2\frac{1}{4} =$$

$8\frac{3}{4}$

1 mark

35

$6 + 4 \div 2 =$

5

1 mark

36

$$\frac{4}{5} \times 400 =$$

4 0 0 X 5 = 2 0 0 0

2 0 0 0 ÷ 4 = 5 0 0

500

1 mark

[END OF TEST]

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