2026 national curriculum tests

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

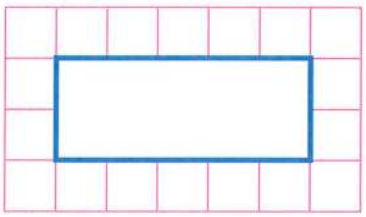
You **must not** use a calculator to answer any questions in this test.

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 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**.

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1 87 + 327 =

327 + 90 = 417

417 - 3 = 414

414

1 mark

2 5,555 + 555 + 55 =

$$\begin{array}{r} 5555 \\ +\ 555 \\ +\ \ 55 \\ \hline 6165 \\ {\scriptstyle 1\ 1\ 1} \end{array}$$

6165

1 mark

3 67 ÷ 1 =

67

1 mark

B 0 0 0 6 0 A 0 4 2 0

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4 $3 \times 23 =$

$3 \times 20 = 60$

$3 \times 3 = 9$

$60 + 9 = 69$

69

1 mark

5 $5{,}200 - 1{,}600 =$

$$\begin{array}{r} {}^{4}\cancel{5}\,{}^{12}\cancel{2}00 \\ -\ 1600 \\ \hline 3600 \end{array}$$

3600

1 mark

6 $99 \div 9 =$

$9 \times 11 = 99$

$99 \div 9 = 11$

11

1 mark

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7 2092 = 4,381 – 2,289

$$\begin{array}{r} {}^{2}{}^{7} \\ 4\,{}^{3}\!\not{8}\,{}^{1}\!1 \\ -\;2\,2\,8\,9 \\ \hline 2\,0\,9\,2 \end{array}$$

1 mark

8 350 ÷ 5 =

35 ÷ 5 = 7

350 ÷ 5 = 70

70

1 mark

9 2,004 – 10 =

2000 – 10 = 1990

1990 + 4 = 1994

1994

1 mark

B00060A0620

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10 4,030,206 = 4,000,000 + 30000 + 200 + 6

4030206 - 4000000 = 30206

30206 - 200 = 30006

30006 - 6 = 30000

1 mark

11 $\frac{4}{5} + \frac{3}{5} + \frac{2}{5} =$

If the denominator is the same add the numerators

4 + 3 + 2 = 9

$\frac{9}{5}$ or $1\frac{4}{5}$

$1\frac{4}{5}$

1 mark

12 9,600 ÷ 6 =

1600

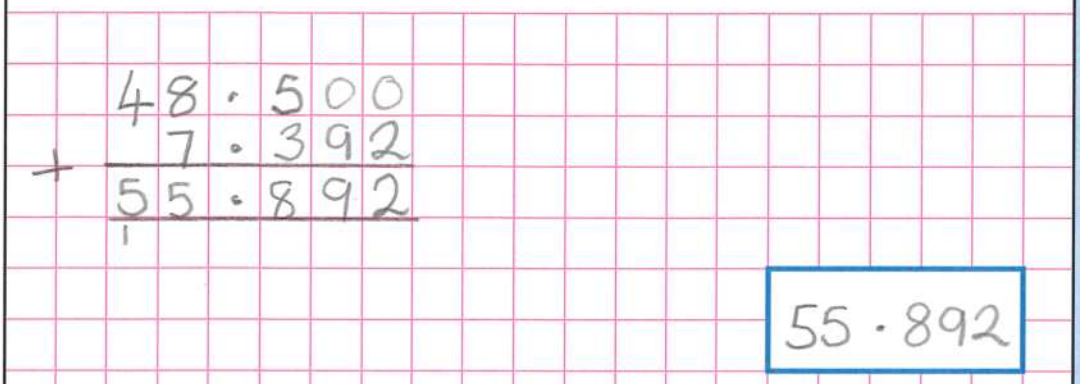
6 | 9 3 6 0 0

1600

1 mark

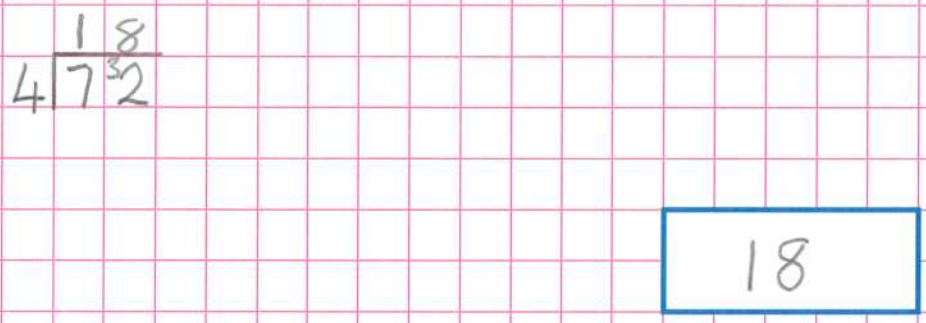
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13 48.5 + 7.392 =



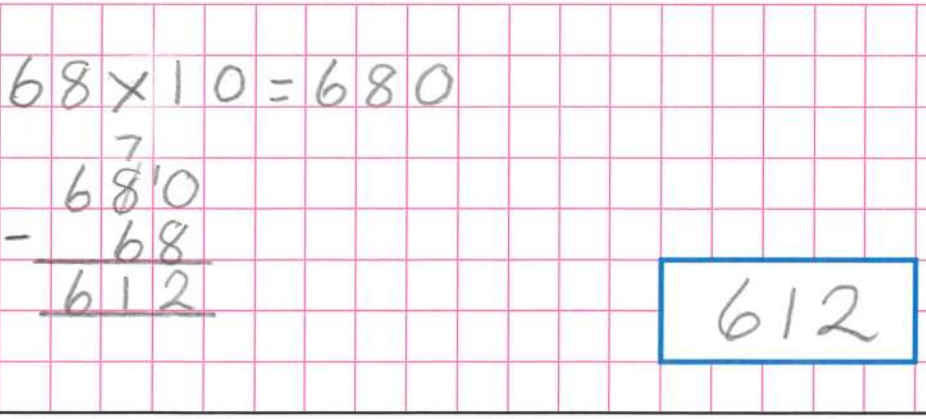
1 mark

14 72 ÷ 4 =



1 mark

15 68 × 9 =



1 mark

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16 $\frac{4}{5} \times \frac{1}{9} =$

$\frac{4}{5} \times \frac{1}{9} = \frac{4}{45}$

$\frac{4}{45}$

1 mark

17 $\frac{1}{2}$ of 250 =

$\frac{1}{2}$ of 200 = 100

$\frac{1}{2}$ of 50 = 25

100 + 25 = 125

125

1 mark

18 96 ÷ 8 = 12

? ÷ 8 = 12 (Do the inverse)

8 × 12 = 96

1 mark

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19 $\frac{9}{10} - \frac{1}{5} =$

$\frac{9}{10} - \frac{1}{5}$) $\times 2$ Make the denominators the same

$\frac{9}{10} - \frac{2}{10}$

$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$

$\frac{7}{10}$

1 mark

20

$$\begin{array}{r} 457 \\ \times \quad 46 \\ \hline 2742 \\ 18280 \\ \hline 21022 \\ {\scriptstyle 1\ 1\ 1} \end{array}$$

Place holder

Show your method

21022

2 marks

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B 0 0 0 6 0 A 0 1 0 2 0

21 9,809 × 1,000 =

9809 x 1000 = 9809000

9809000

1 mark

22 34.3 – 26.44 =

$$\begin{array}{r} {}^{2}\cancel{3}^{13}\,.\,{}^{1}\cancel{3}^{2}0 \\ -\ 26\,.\,44 \\ \hline 07\,.\,86 \end{array}$$

7.86

1 mark

23 202.4 ÷ 100 =

202.4 ÷ 100

2.024

2.024

1 mark

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24 $4 \times 3.78 =$

3.78
× 4
15.12

15.12

1 mark

25 51714 = ?

Show your method

14
51 | 7 1 4
− 5 1 0 (10)
2 0 4 +
− 2 0 4 (4)
0

× 1 51
× 2 102
× 3 153
× 4 204
× 10 510

14

2 marks

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B 0 0 0 6 0 A 0 1 2 2 0

26 $\frac{3}{4} \div 3 =$

$\frac{3}{4} \div 3$

$\frac{3}{4} \times \frac{1}{3} = \frac{3}{12}$

$\frac{3}{12}$

1 mark

27

$$\begin{array}{r} 6715 \\ \times \quad 54 \\ \hline 26860 \\ 335750 \\ \hline 362610 \end{array}$$

Place holder

Show your method

362610

2 marks

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28 30% of 2,320 =

10% of 2320 = 2320 ÷ 10

= 232

30% = 232 × 3

$$\begin{array}{r} 232 \\ \times \quad 3 \\ \hline 696 \end{array}$$

696

1 mark

29 $80 - 4^3 =$

$4^3 = 4 \times 4 \times 4$

$4 \times 4 = 16$

$4 \times 16 = 64$

$80 - 64 = 16$

$$\begin{array}{r} 16 \\ \times \quad 4 \\ \hline 64 \\ 2 \end{array}$$

16

1 mark

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30 97% of 400 =

97% of 100 = 97

97
× 4
388
2

388

1 mark

31 Show your method

136
16 | 2176
− 1600 (100)
576
− 480 (30)
96
− 96 (6)
0

× 1 16
× 2 32
× 3 48
× 6 96

× 30 = 480
× 100 = 1600

136

2 marks

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32 $1\frac{3}{4} + 1\frac{5}{8} =$

Find a common denominator

$1\frac{3}{4} + 1\frac{5}{8}$

$1\frac{6}{8} + 1\frac{5}{8} = 2\frac{11}{8} = 3\frac{3}{8}$

$3\frac{3}{8}$

1 mark

33 $0.09 \times 24 =$

$$\begin{array}{r} 24 \\ \times\ 9 \\ \hline 216 \end{array}$$

$216 \div 100 = 2.16$

2.16

1 mark

34 65% of 680 =

10% of 680 = 68

5% of 680 = 34

(60%) 68 + 408

$$\begin{array}{r} 68 \\ \times\ 6 \\ \hline 408 \end{array} \qquad \begin{array}{r} 408 \\ +\ 34 \\ \hline 442 \end{array}$$

442

1 mark

B 0 0 0 6 0 A 0 1 6 2 0

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35 $3\frac{1}{4} - 2\frac{4}{5} =$

$3\frac{1}{4} - 2\frac{4}{5} = 1\frac{1}{4} - \frac{4}{5} = \frac{5}{4} - \frac{4}{5}$

$(\frac{5}{4} - \frac{4}{5}) \times 4$

$\frac{25}{20} - \frac{16}{20} = \frac{9}{20}$

$\frac{9}{20}$

1 mark

36 $2\frac{1}{2} \times 70 =$

$2 \times 70 = 140$

$\frac{1}{2} \times 70 = 35$

$140 + 35 = 175$

175

1 mark

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Standards & Testing Agency

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