National curriculum tests

Key Stage 2

Mathematics

Practice Paper 1-2: arithmetic

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

Time: 30 minutes.
No calculators allowed.
40 marks.

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Instructions

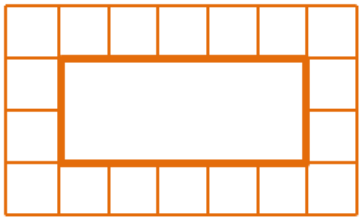
You **may not** use a calculator to answer any questions in this test.

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 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**.

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

1

111 – 10 =

Ref: 3N2b

1 mark

2

456 × 5 =

Ref 4C7

1 mark

3

93 ÷ 100 =

Ref 4F9

1 mark

4

8.4 + 0.5 =

1 mark

Ref 4F8

5

200 – ☐ = 150

1 mark

Ref 3C3

6

$48 \div 8 =$

1 mark

Ref 4C6a

7

$134 \times 3 =$

1 mark

Ref: 4C7

8

250 – 19 = ☐

Ref: 3C1

1 mark

9

3.4 + 0.06 = ☐

Ref: 4F8

1 mark

10

70,000 – 400 =

1 mark

Ref: 5C2

11

6^2 =

1 mark

Ref: 5C5d

12

What is 1000 × 0.23 (✓)

230.3 ☐ 23000 ☐ 230 ☐ 23 ☐

1 mark

Ref: 5C6b

13

1210 ÷ 11 =

1 mark

Ref: 5C6a

14

20% of 350 =

1 mark

Ref: 6R2

15

2.64 × 6 =

1 mark

Ref: 6F9b

16

$1.503 - 0.69 =$

1 mark

Ref: 5F8

17

$\frac{2}{7} + \frac{4}{7} =$

1 mark

Ref: 3F4

18

6705 ÷ 5 =

1 mark

Ref: 5C7b

19

9,504 + 2,057 =

1 mark

Ref: 5C2

20

13 – 5.09 =

1 mark

Ref: 5F10

21

70 × 100 =

1 mark

Ref: 5C6b

22

$3^3 =$

1 mark

Ref: 5C5d

23

Show your method

$$\begin{array}{r} 76 \\ \times\ 24 \\ \hline \end{array}$$

2 marks

Ref: 6C7a

24

Show your method

1 7 | 9 0 1

2 marks

Ref: 6C7b

25

Show your method

3 5 9 1

× 7 3

2 marks

Ref: 6C7a

26

17.2 – 7.77

1 mark

Ref: 5F10

27

$$\frac{1}{6} \times \frac{1}{2} =$$

1 mark

Ref: 6F5a

28

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

1 mark

Ref: 5F5

29

99% of 200

1 mark

Ref: 6R2

30

$6 - 2 \times 3 =$

1 mark

Ref: 6C9

31

$\frac{4}{7} \div 2 =$

1 mark

Ref: 6F5b

32

Show your method

$29\overline{)13663}$

2 marks

Ref: 6C7b

33

$$\frac{3}{5} + \frac{2}{10} =$$

1 mark

Ref: 6F4

34

$3 \div 8 =$ ____ %

1 mark

Ref: 6F6

35

123,456 – 104,789 =

1 mark

Ref: 5C2

36

80 – 35 ÷ 5 =

1 mark

Ref: 6C9