

Key stage 2

Mathematics

Paper 1: arithmetic

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

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Please do not write on this page.

Instructions

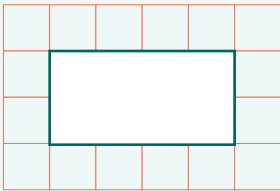
You **must not use a calculator** to answer any questions in this test.

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.

A 4x6 grid of squares. In the center, there is a 2x3 box outlined in green, representing an answer box. The grid is formed by red lines.

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 number of marks available for each question.

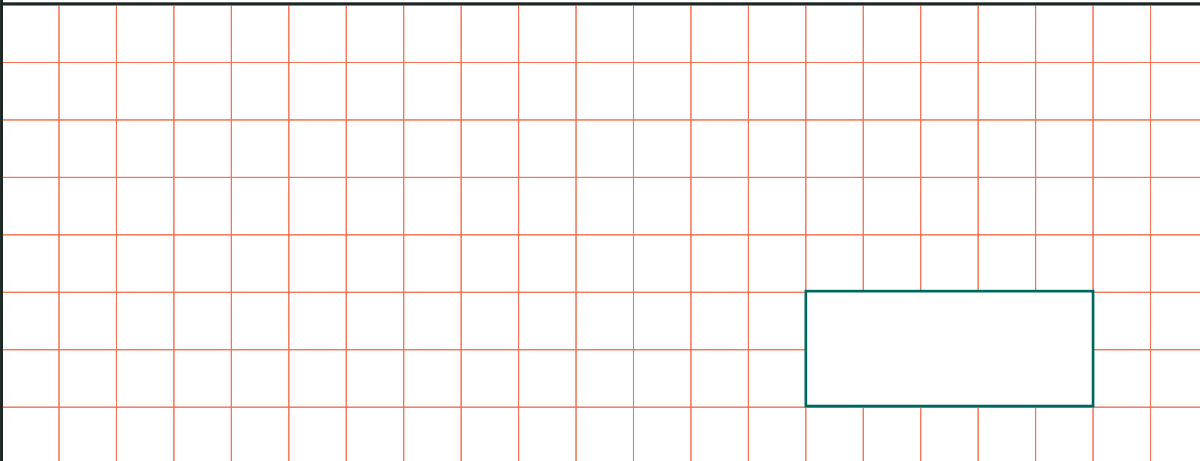
In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2 marks** for a correct answer.

You may get **1 mark** for showing a formal method.

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

1

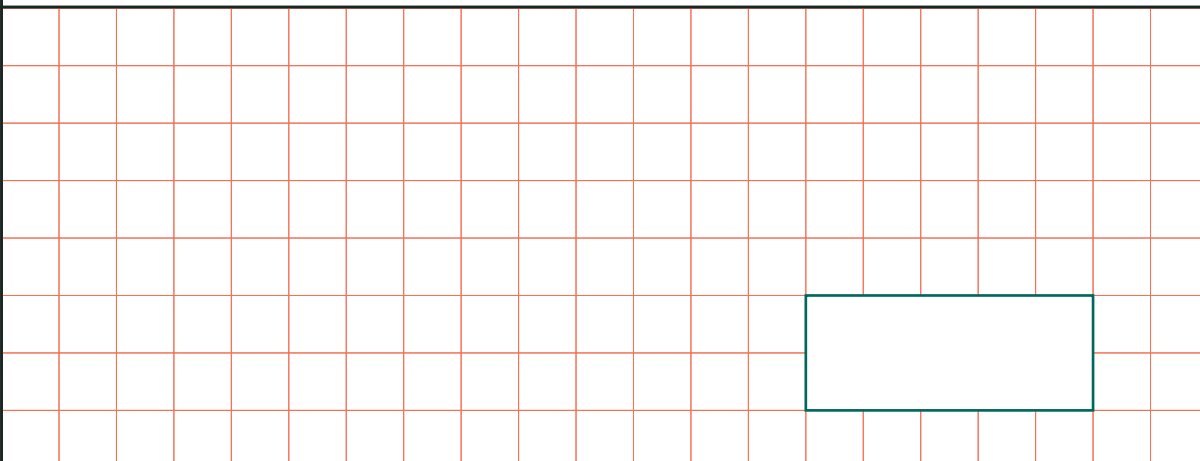
$$46 + 785 =$$



1 mark

2

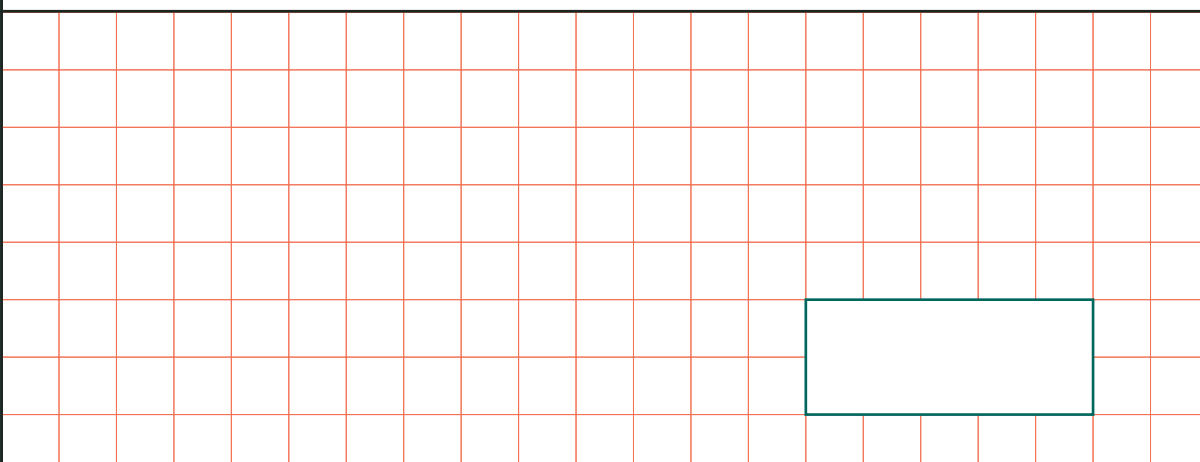
$$3 \times 105 =$$



1 mark

3

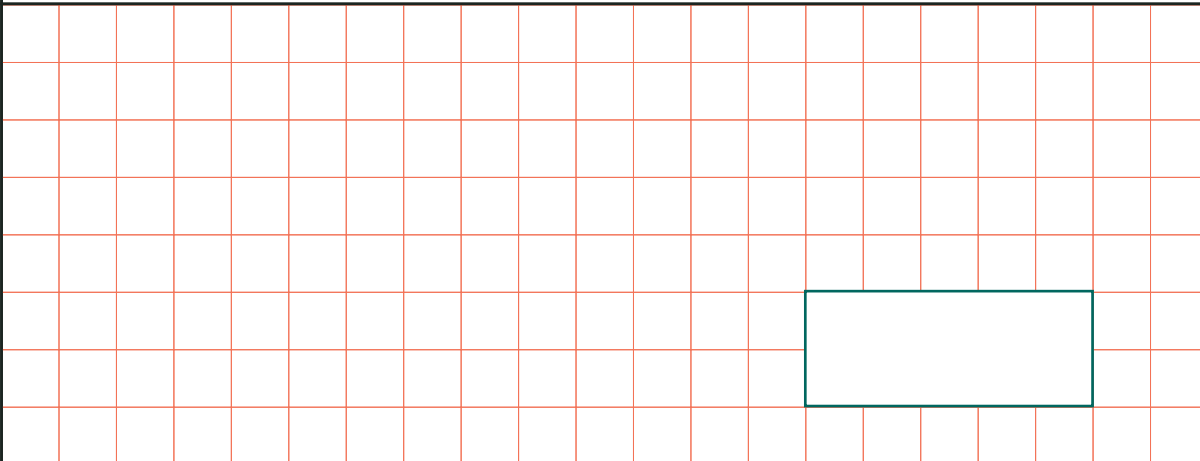
$$\frac{5}{9} + \frac{2}{9} =$$



1 mark

4

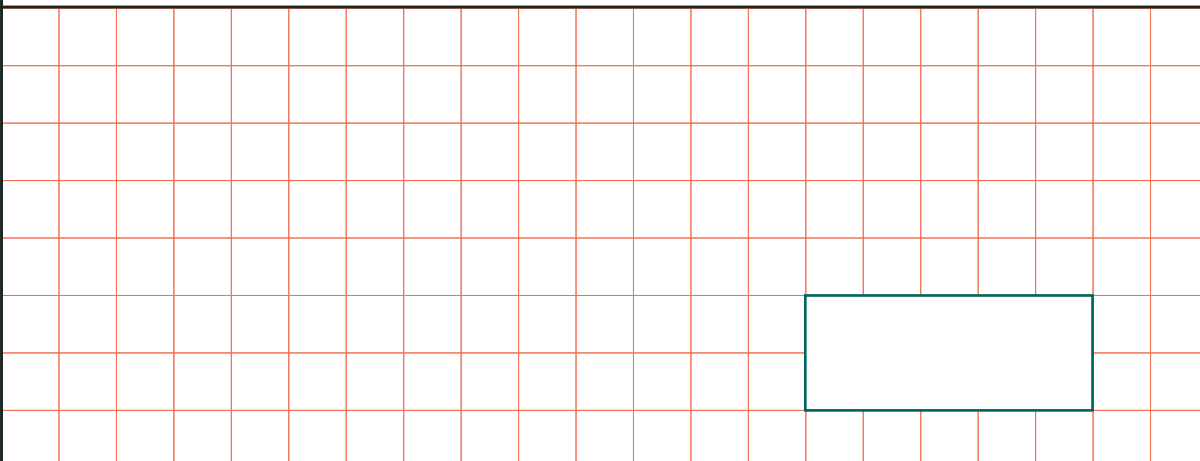
$$676 \times 0 =$$



1 mark

5

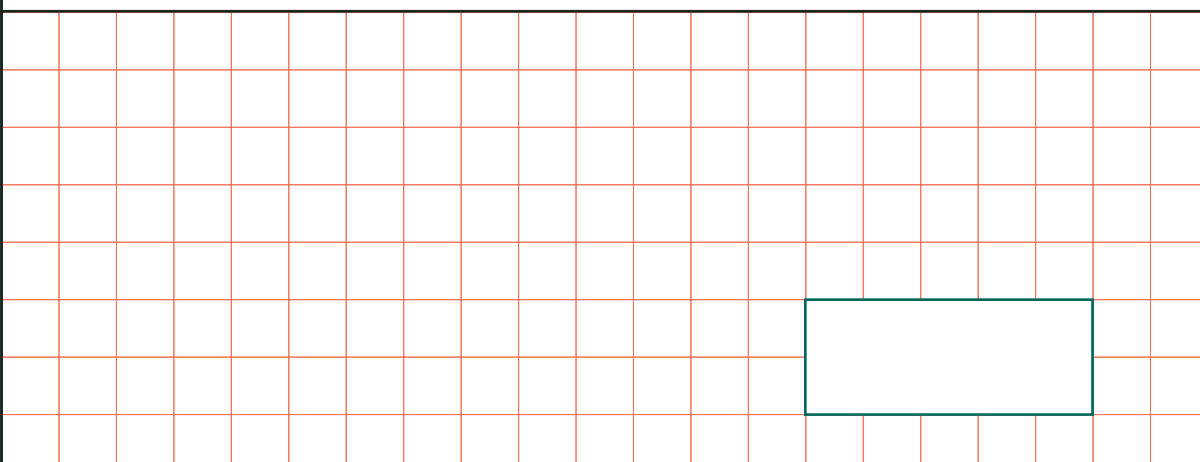
$$6 \times 5 \times 5 =$$



1 mark

6

$$108 \div 9 =$$



1 mark

7

$$104.27 + 32.8 =$$

1 mark

8

$$7^2 - 20 =$$

1 mark

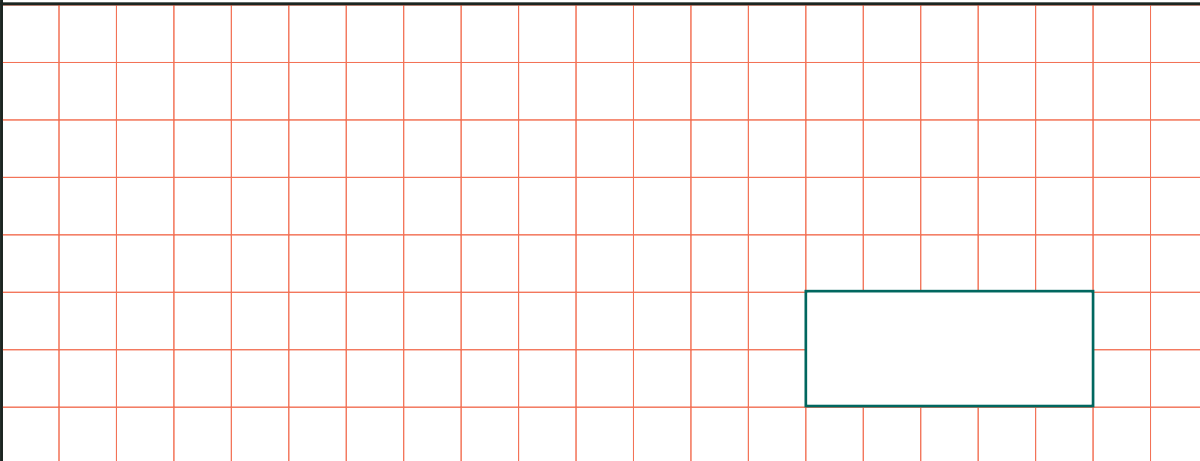
9

$$8,107 - 198 =$$

1 mark

10

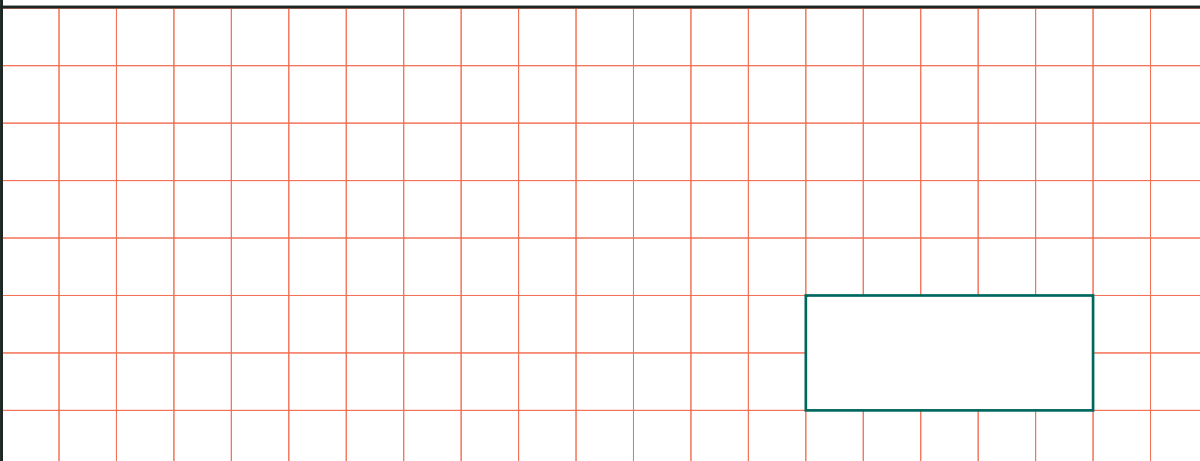
$630 \div 7 =$



1 mark

11

$2400 \div 8 =$



1 mark

12

$\boxed{} + 300 = 1,287$



1 mark

13

$11 - 2.9 =$

1 mark

14

$2,004,050 = 2,000,000 +$

 $+ 50$

1 mark

15

$840 \div 12 =$

1 mark

16

$$9,231 - 176 =$$

1 mark

17

$$\frac{3}{5} + \frac{2}{15} =$$

1 mark

18

$$\frac{3}{5} \text{ of } 2000 =$$

1 mark

19

$15\% \text{ of } 3,400 =$

1 mark

20

$2.4 \div 1000 =$

1 mark

21

$$\begin{array}{r} 529 \\ x 34 \\ \hline \end{array}$$

Show
your
method

2 marks

22

3 2 5 4 4

Show
your
method

2 marks

23

$$\frac{2}{3} + \frac{1}{4} =$$

1 mark

24

$$0.6 \times 54 =$$

1 mark

25

$$1\frac{3}{5} + \frac{2}{7} =$$

1 mark

26

$$2.7 \times 40 =$$

1 mark

27

$$8 - 5.002 =$$

1 mark

28

$$1\frac{5}{12} - \frac{3}{4} =$$

1 mark

29

$$84\% \text{ of } 400 =$$

1 mark

30

$$\begin{array}{r} 6124 \\ x 74 \\ \hline \end{array}$$

Show
your
method

2 marks

31

$$\frac{2}{5} \div 3 =$$

1 mark

32

$$8^2 - 28 \div 7 =$$

1 mark

33

$$1\frac{1}{2} \times 20 =$$

1 mark

34

$$3\frac{4}{5} - 1\frac{5}{8} =$$

1 mark

35

$$34\% \text{ of } 780 =$$

1 mark

36

8 9 6 5 8 6

Show
your
method

2 marks

Answers

1. $46 + 785 = 831$
2. $3 \times 105 = 315$
3. $\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$
4. $676 \times 0 = 0$
5. $6 \times 5 \times 5 = 150$
6. $108 \div 9 = 12$
7. $104.27 + 32.8 = 137.07$
8. $7^2 - 20 = 29$
9. $8,107 - 198 = 7,909$
10. $630 \div 7 = 90$
11. $2400 \div 8 = 300$
12. $987 + 300 = 1,287$
13. $11 - 2.9 = 8.1$
14. $2,004,050 = 2,000,000 + 4,000 + 50$
15. $840 \div 12 = 70$
16. $9,231 - 176 = 9,055$
17. $\frac{3}{5} + \frac{2}{15} = \frac{11}{15}$
18. $\frac{3}{5}$ of 2,000 = 1,200
19. 15% of 3,400 = 510
20. $2.4 \div 1000 = 0.0024$
21. $529 \times 34 = 17,986$
22. $544 \div 32 = 17$
23. $\frac{2}{3} + \frac{1}{4} = \frac{11}{12}$
24. $0.6 \times 54 = 32.4$
25. $1\frac{3}{5} + \frac{2}{7} = \frac{66}{35} = 1\frac{31}{35}$
26. $2.7 \times 40 = 108$
27. $8 - 5.002 = 2.998$
28. $1\frac{5}{12} - \frac{3}{4} = \frac{2}{3}$
29. 84% of 400 = 336
30. $6124 \times 74 = 453,176$
31. $\frac{2}{5} \div 3 = \frac{2}{15}$
32. $8^2 - 28 \div 7 = 60$
33. $1\frac{1}{2} \times 20 = 30$
34. $3\frac{4}{5} - 1\frac{5}{8} = 2\frac{7}{40}$
35. 34% of 780 = 265.2
36. $6586 \div 89 = 74$