## **National curriculum tests**

# **Key Stage 2**

## **Year 6 Mathematics**

PiXL Paper A

1: Arithmetic

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

out of 40 marks





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| 036000 291452                      | 2 of 16 |

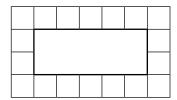
#### **Instructions**

### **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.



For questions expressed as common fractions, you should give your answers as common fractions.

All other answers should be given as either whole or decimal numbers.

If you cannot do one of the questions, **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.

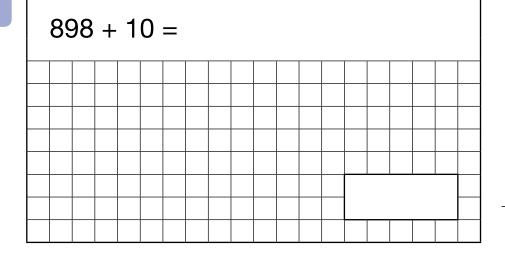
In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded 2 marks for a correct answer.

You may get 1 mark for showing a formal method.

All other questions are worth 1 mark each.

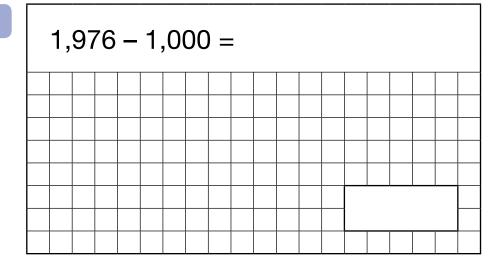
If you finish before the end, go back and check your work.





1 mark

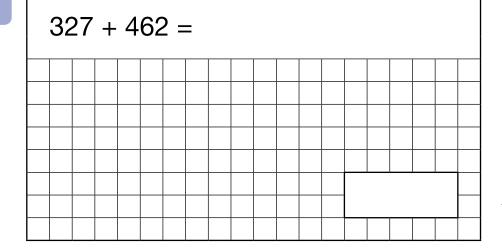
2



1 mark

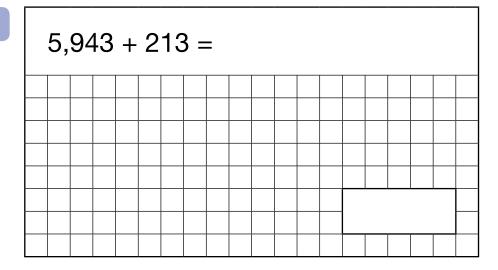
3





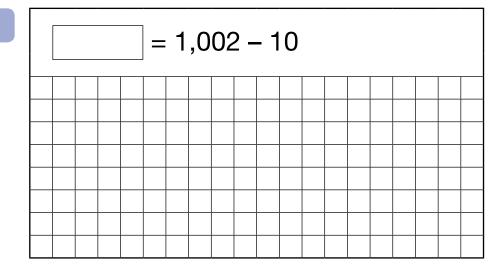
1 mark

5

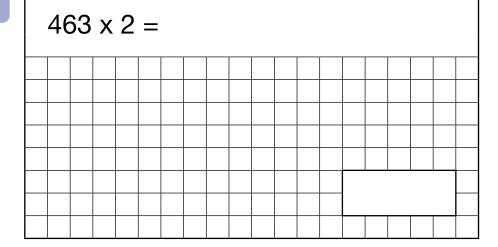


1 mark

6







1 mark

8

1 mark

9

$$\frac{7}{8} - \frac{2}{8} =$$



| = 26 ÷ 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1 mark

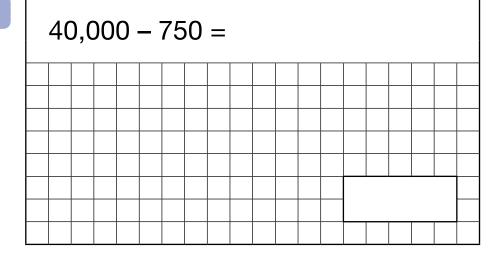
11

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

1 mark

12





1 mark

14

1 mark

15



| - | = 720 x 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1 mark

17

1 mark

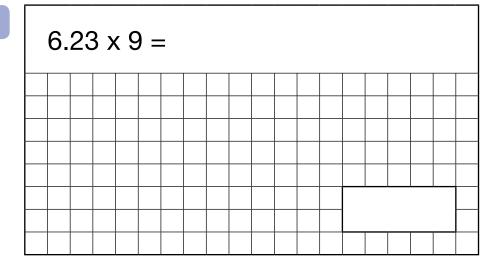
18



| $\frac{3}{5} + \frac{2}{3} =$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1 mark

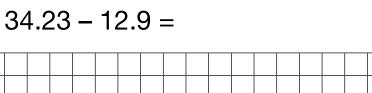
20

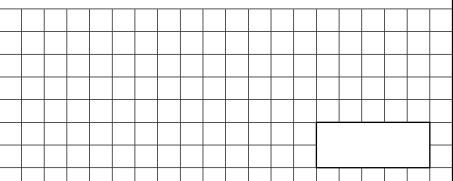


1 mark

21



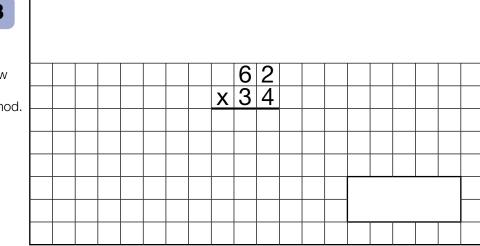




1 mark

23

Show your method.

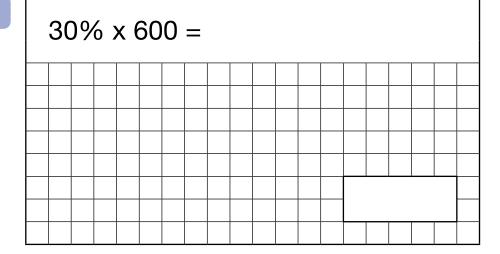


2 marks

24

$$\frac{1}{3} \times 5 =$$





1 mark

26

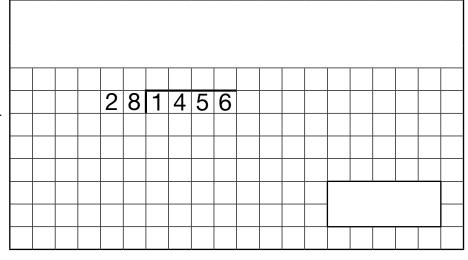
1 mark

27

$$2\frac{1}{4} + \frac{5}{8} =$$



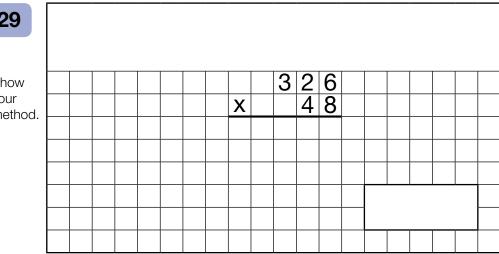
Show your method.



2 marks

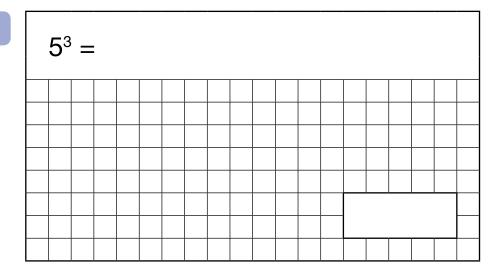
29

Show your method.



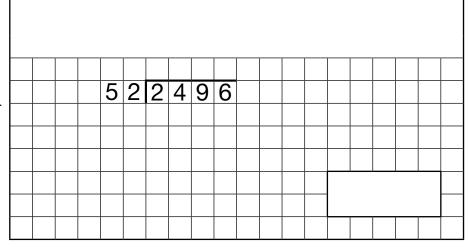
2 marks

30





Show your method.



2 marks

32

1 mark

33

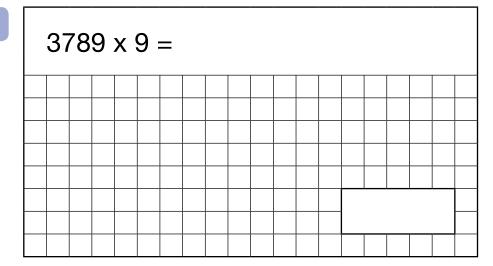
$$\frac{3}{4} \div 6 =$$



| $\frac{1}{4} \times \frac{2}{3} =$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1 mark

35



1 mark

36



