

2016 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						



## Instructions

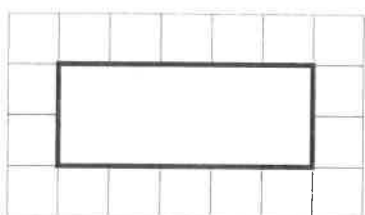
You **may not** use a calculator to answer any questions in this test.

### 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**

$$987 + 100 =$$

1 mark

**2**

$$46 + 304 =$$

1 mark

**3**

$$326 \div 1 =$$

1 mark



**4**

$$468 - 9 =$$

1 mark

**5**

$$\boxed{\phantom{000}} = 936 + 285$$

1 mark

**6**

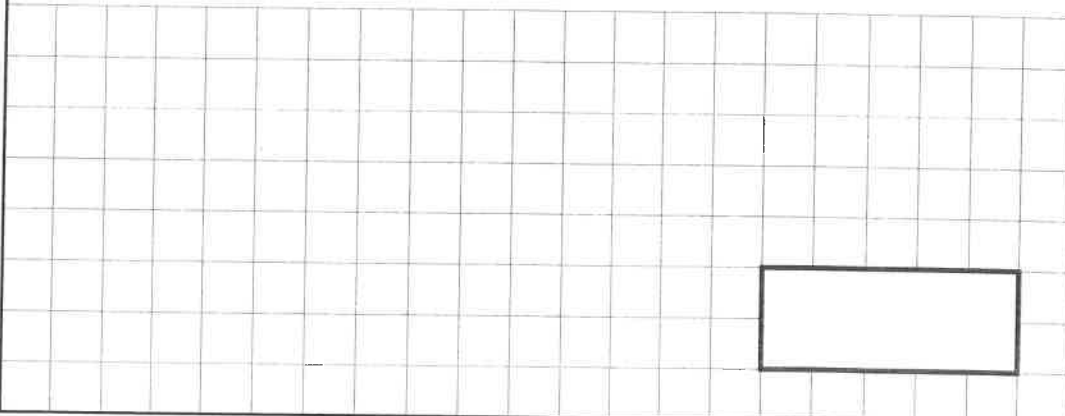
$$95 \div 5 =$$

1 mark



7

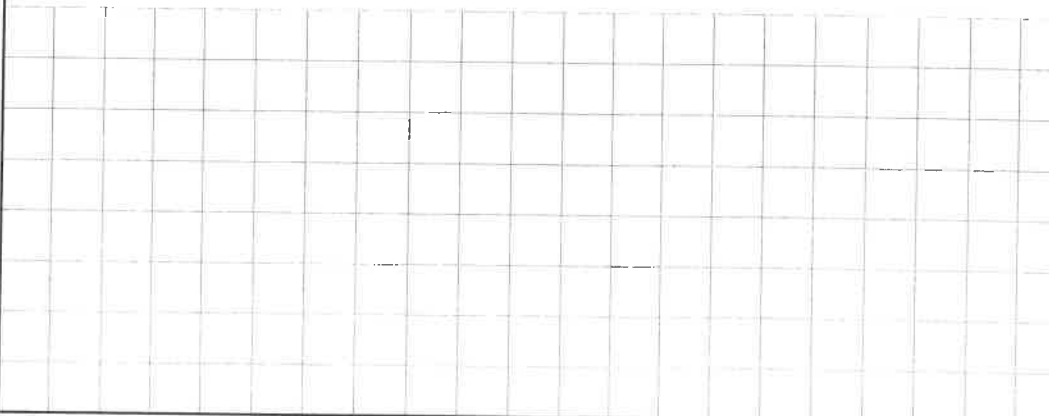
$$89,994 + 7,643 =$$



1 mark

8

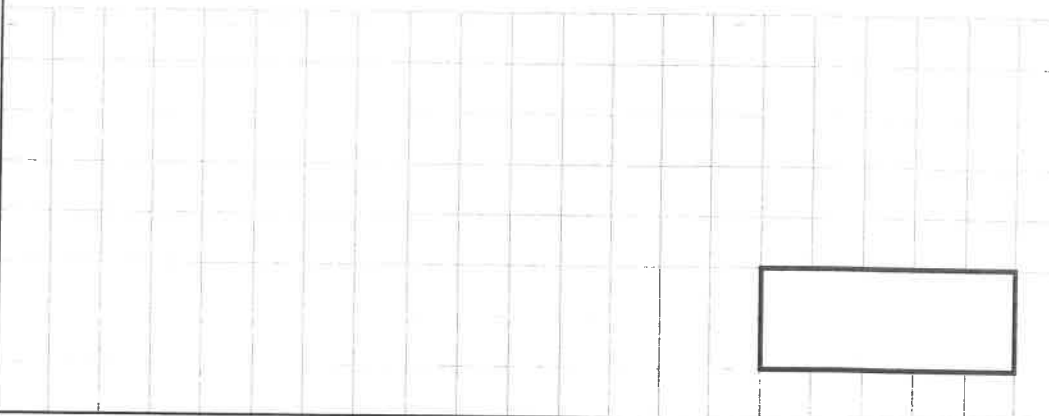
$$\boxed{\phantom{000}} = 435 - 30$$



1 mark

9

$$96 \div 4 =$$



1 mark



**10**

$879 \times 3 =$


1 mark

**11**

$71 \times 8 =$


1 mark

**12**

$50 \times 70 =$


1 mark



**13**

$100 \times 412 =$

**1 mark****14**

$3.005 + 6.12 =$

**1 mark****15**

$486 \div 3 =$

**1 mark**

**16**

$$15.98 + 26.314 =$$



1 mark

**17**

$$125.48 - 72.3 =$$



1 mark

**18**

$$122,456 - 11,999 =$$



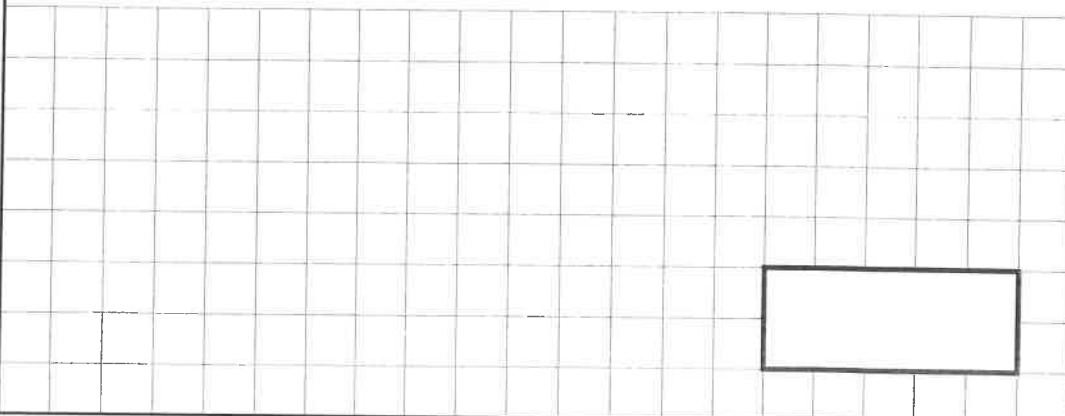
1 mark





**19**

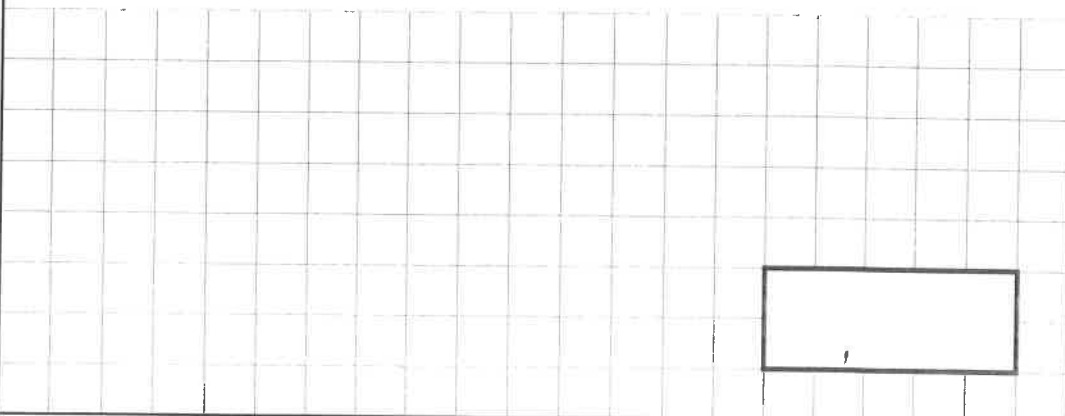
$$3^2 + 10 =$$



1 mark

**20**

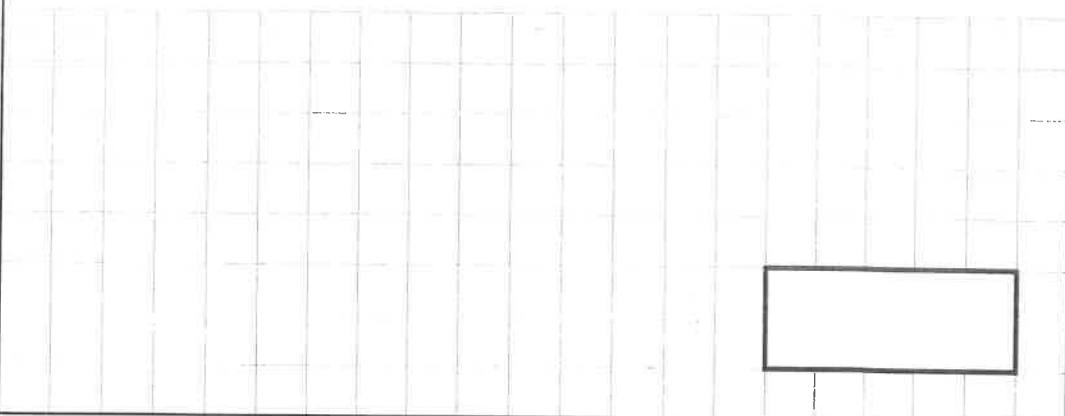
$$0.9 \div 10 =$$



1 mark

**21**

$$4 - 1.15 =$$



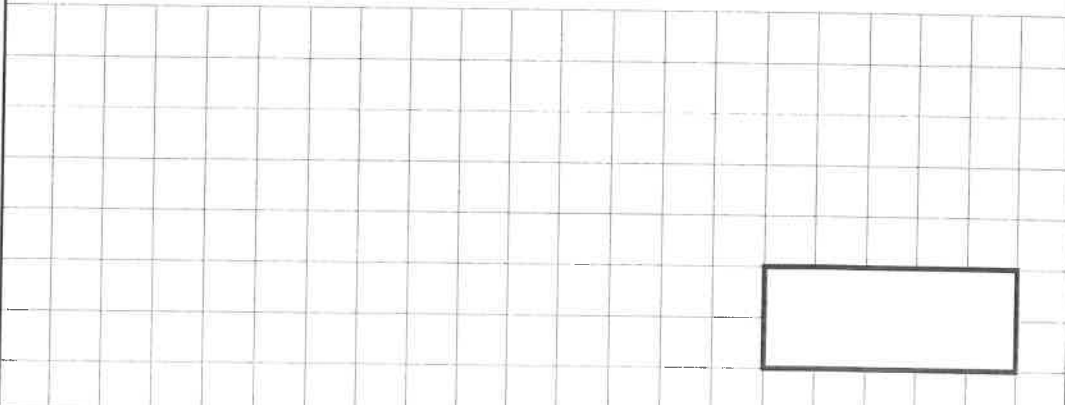
1 mark





**24**

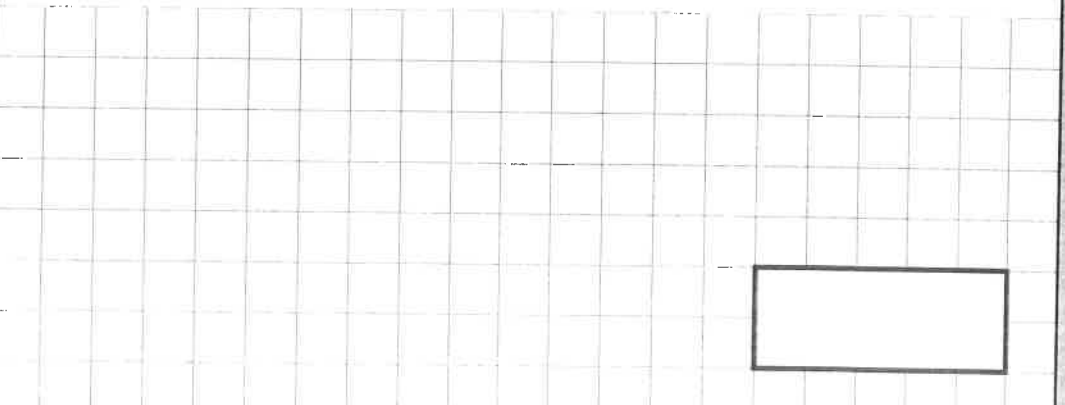
$$\frac{4}{7} + \frac{5}{7} =$$



1 mark

**25**

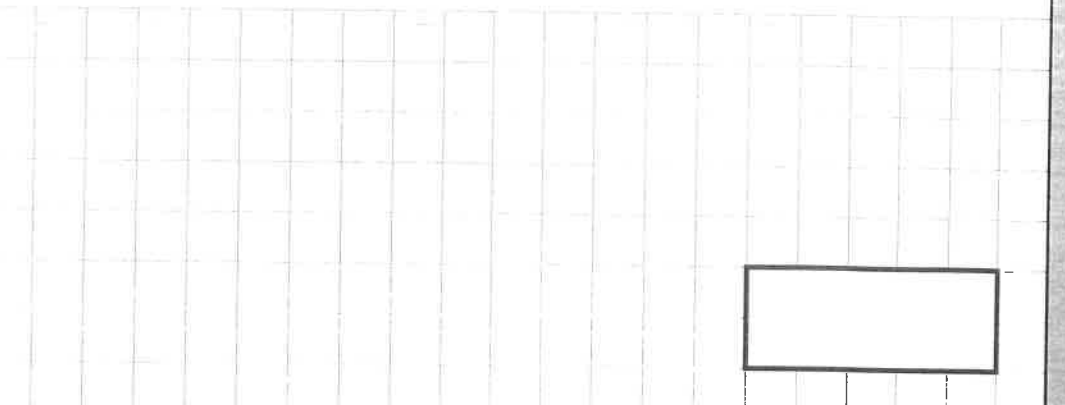
$$20\% \text{ of } 1,800 =$$



1 mark

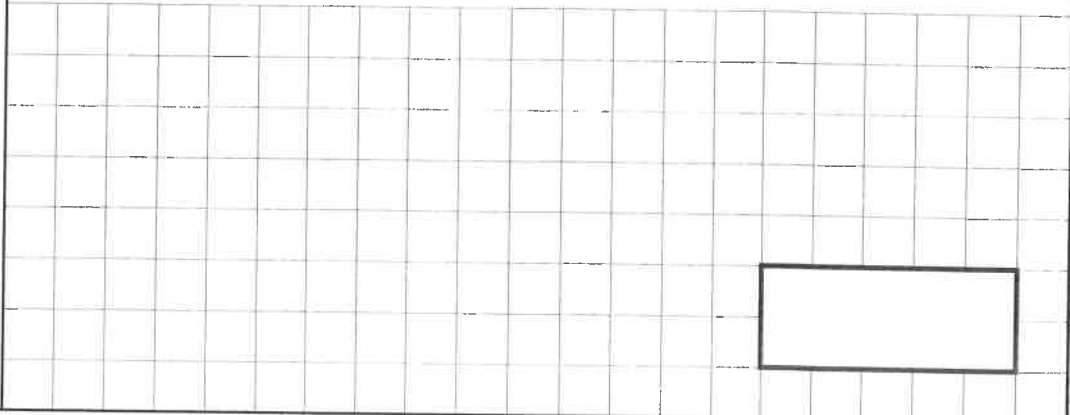
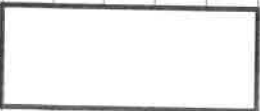
**26**

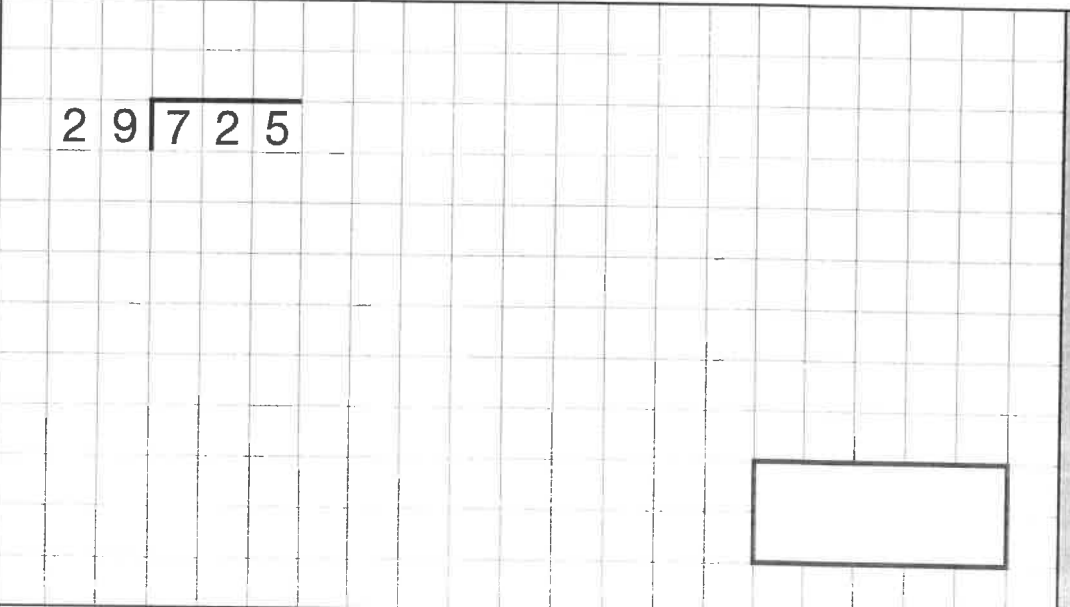

$$15 \times 6.1 =$$

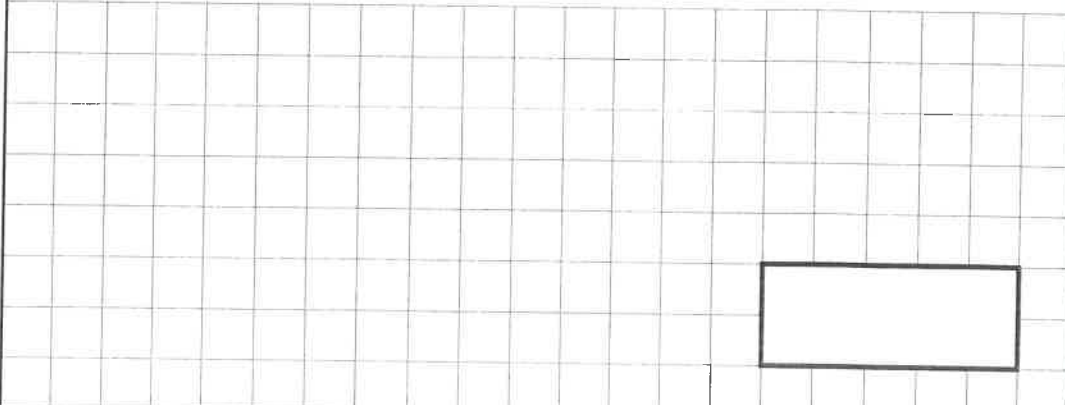


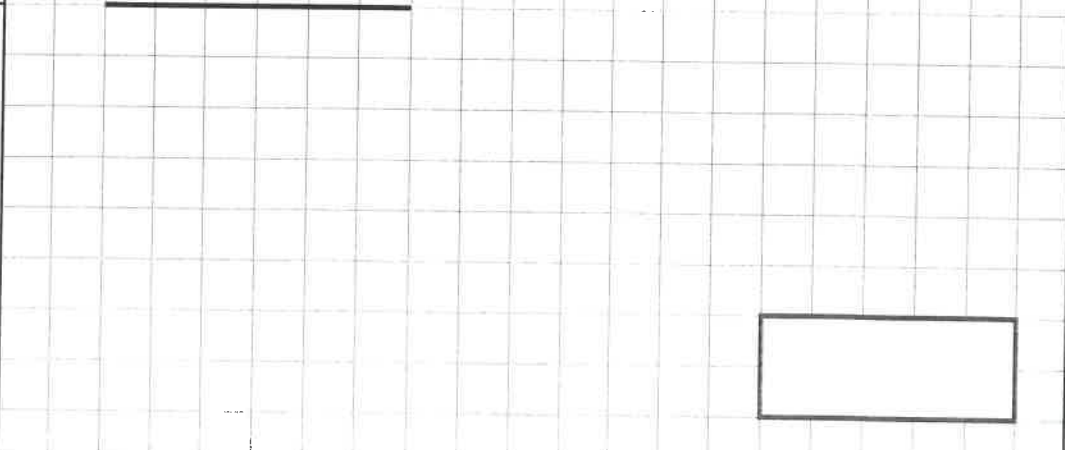
1 mark



<b>27</b>	$\frac{3}{10} - \frac{1}{20} =$			<input type="checkbox"/>	1 mark

<b>28</b>	2 9   7 2 5			<input type="checkbox"/>	2 marks
Show your method					

<b>29</b>	$15\% \times 440 =$	
		<input type="text"/>
		<input type="checkbox"/> 1 mark

<b>30</b>	$\begin{array}{r} 6574 \\ \times \quad 31 \\ \hline \end{array}$	
	<p>Show your method</p> 	<input type="text"/>
		<input type="checkbox"/> 2 marks





**33**

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

1 mark

**34**

$$\frac{2}{5} \times 140 =$$

1 mark



**35**

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

A large grid area for showing the calculation steps.

A rectangular box for writing the final answer.

A small square box for marking the answer.

1 mark

**36**

$$60 - 42 \div 6 =$$

A large grid area for showing the calculation steps.

A rectangular box for writing the final answer.

A small square box for marking the answer.

1 mark

