

# Key stage 2

## Mathematics

### Paper 1: arithmetic

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
Grade	4 (A & B)					

## Instructions

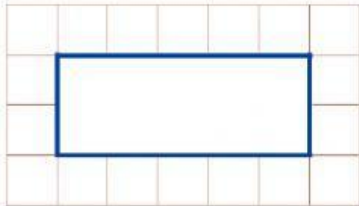
You **must not** use a calculator to answer any questions in this test.

### Questions and answers

You have **1 hour and 45 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 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. Write the numbers vertically then add and subtract.

1.	$27 + 83 =$		<input type="text"/>	<input type="text"/> 1 mark
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2.	$174 + 63 =$		<input type="text"/>	<input type="text"/> 1 mark
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3.	$722 - 548 =$		<input type="text"/>	<input type="text"/> 1 mark
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4.	$596 - 36 =$		<input type="text"/>	<input type="text"/> 1 mark
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5.	$924 - 811 =$		<input type="text"/>	<input type="text"/> 1 mark
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II. Find the missing addend. Write it on the blank.

1.

$$76 + \underline{\quad\quad} = 100$$

1 mark

2.

$$\underline{\quad\quad} + 27 = 30$$

1 mark

3

$$54 + \underline{\quad\quad} = 65$$

1 mark

4

$$99 + \underline{\quad\quad} = 101$$

1 mark

5

$$78 + \underline{\quad\quad} = 125$$

1 mark



IV. Round the following numbers to the nearest place value.

1.	Round 54,678 to the nearest hundreds place	<input type="text"/>	<input type="text"/>	1 mark

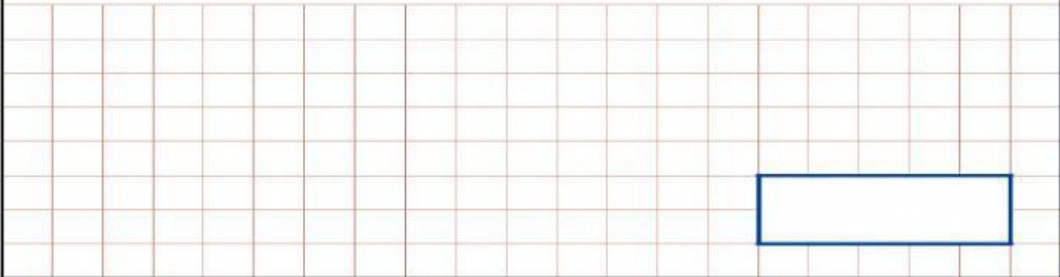
2.	Round 499,657 to the nearest thousands place	<input type="text"/>	<input type="text"/>	1 mark

3.	Round 34,287 to the nearest ten thousand place	<input type="text"/>	<input type="text"/>	1 mark

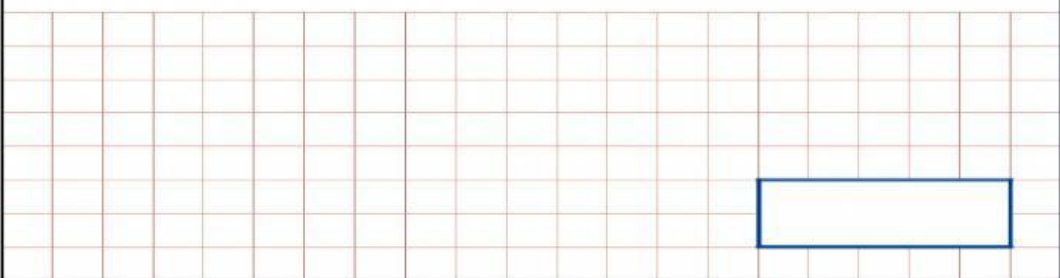
4.	Round 99 to the nearest tens place	<input type="text"/>	<input type="text"/>	1 mark

5.	43,896 is rounded to 44,000. What place value was used?	<input type="text"/>	<input type="text"/>	1 mark

V. Write the numbers vertically then multiply. (1x2 pts = 2 pts)

1.	$326 \times 3 =$	<input type="text"/>	5 x2 pts. = 10 pts
			<input type="text"/> 2 marks

2.	$704 \times 5 =$	<input type="text"/>	2 marks
			<input type="text"/> 2 marks

3.	$42 \times 20 =$	<input type="text"/>	2 marks
			<input type="text"/> 2 marks

4.	$61 \times 24 =$	<input type="text"/>	2 marks
			<input type="text"/> 2 marks

5.	$40 \times 21 =$	<input type="text"/>	2 marks
			<input type="text"/> 2 marks

VI. Divide the following numbers. Show your working on the space below.

A.	2-digit by 1-digit		5 x1 pt. = 5 pts
	1. $40 \div 8 =$ _____		<input type="text"/>
	2. $35 \div 7 =$ _____		
	3. $60 \div 2 =$ _____		
	4. $12 \div 2 =$ _____		
5. $25 \div 5 =$ _____			
			5 marks

B.	Divide the following numbers. Show your working on the space provided.		
	1. $404 \div 8 =$		
			<input type="text"/>
			2 marks

2.	$646 \div 2 =$ _____		
			<input type="text"/>
			2 marks

3.	$246 \div 6 =$ _____		
			<input type="text"/>
			2 marks



4.	$497 \div 7 = \underline{\hspace{2cm}}$	<input style="width: 40px; height: 20px;" type="text"/> <span style="background-color: #ADD8E6; padding: 2px;">2 marks</span>
<div style="border: 1px solid blue; width: 150px; height: 25px; margin: 0 auto;"></div>		

5.	$200 \div 5 = \underline{\hspace{2cm}}$	<input style="width: 40px; height: 20px;" type="text"/> <span style="background-color: #ADD8E6; padding: 2px;">1 mark</span>
<div style="border: 1px solid blue; width: 150px; height: 25px; margin: 0 auto;"></div>		

VII. Odd and Even Numbers.

1	<p>127 is it even or odd = <u>          </u></p> <p>Even + Odd = <u>          </u></p> <p>Even + Even = <u>          </u></p> <p>Odd + Odd = <u>          </u></p> <p>Odd x Even = <u>          </u></p> <p>Even x Even = <u>          </u></p>	<input style="width: 40px; height: 40px;" type="text"/> <span style="background-color: #ADD8E6; padding: 2px;">6 marks</span>
<div style="border: 1px solid blue; width: 150px; height: 50px; margin: 0 auto;"></div>		