

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**.

I. Write the numbers vertically then add and subtract.

1.	$27 + 83 =$		<input type="text"/>	<input type="text"/> 1 mark

2.	$174 + 63 =$		<input type="text"/>	<input type="text"/> 1 mark

3.	$722 - 548 =$		<input type="text"/>	<input type="text"/> 1 mark

4.	$596 - 36 =$		<input type="text"/>	<input type="text"/> 1 mark

5.	$924 - 811 =$		<input type="text"/>	<input type="text"/> 1 mark

II. Find the missing addend. Write it on the blank.

1.

$$76 + \underline{\hspace{2cm}} = 100$$

1 mark

2.

$$\underline{\hspace{2cm}} + 27 = 30$$

1 mark

3

$$54 + \underline{\hspace{2cm}} = 65$$

1 mark

4

$$99 + \underline{\hspace{2cm}} = 101$$

1 mark

5

$$78 + \underline{\hspace{2cm}} = 125$$

1 mark

III. Find the place value of the numbers below.

1.	What is the value of 9 in the number 293,672 ?	<div></div>	<div>1 mark</div>
2.	How many hundreds are in 924,684 ?	<div></div>	<div>1 mark</div>
3.	The population of Bahrain is 1,783,217. Write this in words	<div></div>	<div>1 mark</div>
4.	Write twenty -four thousand, six hundred and sixty six in standard form	<div></div>	<div>1 mark</div>
5.	What is the place value of 8 in the number 1,783,217	<div></div>	<div>1 mark</div>

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

1.	Round 54,678 to the nearest hundreds place	
	<div></div>	<div></div> 1 mark

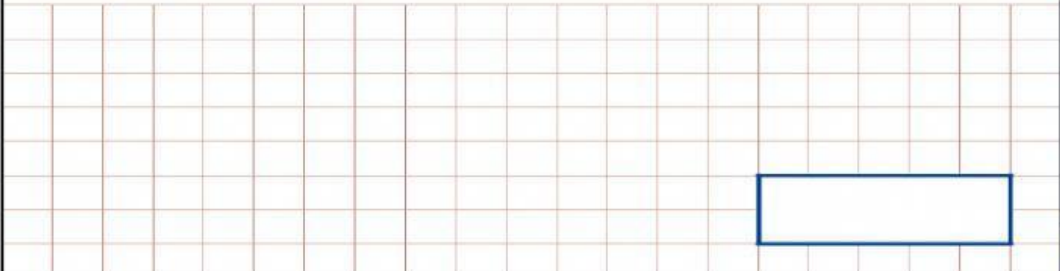

2.	Round 499,657 to the nearest thousands place	
	<div></div>	<div></div> 1 mark

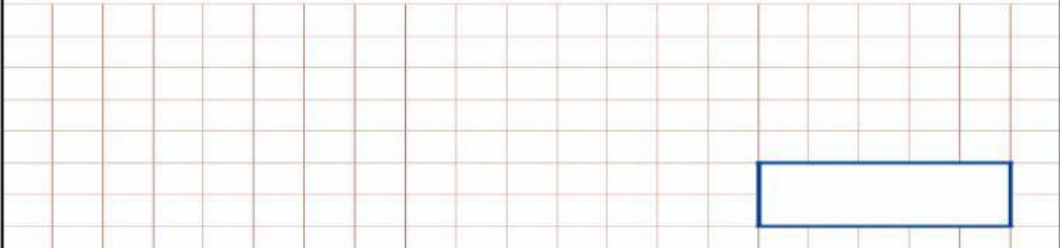

3.	Round 34,287 to the nearest ten thousand place	
	<div></div>	<div></div> 1 mark

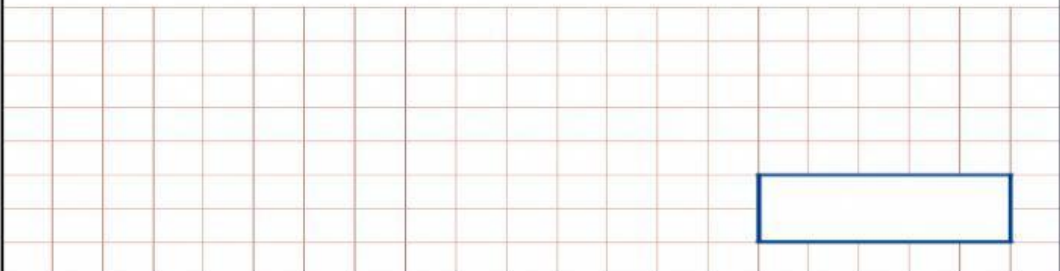

4.	Round 99 to the nearest tens place	
	<div></div>	<div></div> 1 mark

5.	43,896 is rounded to 44,000. What place value was used?	
	<div></div>	<div></div> 1 mark

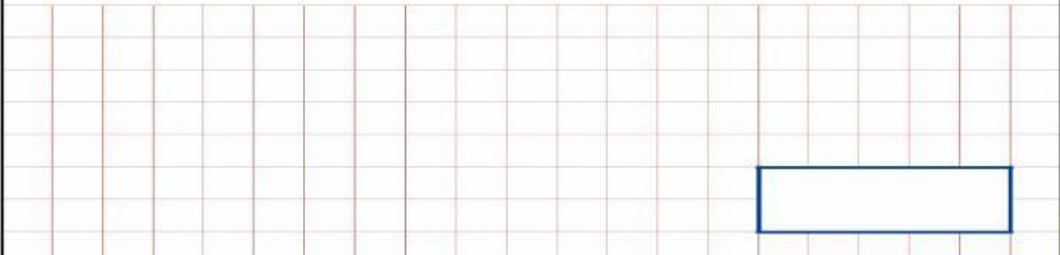
V. Write the numbers vertically then multiply. (1x2 pts = 2 pts)

1.	$326 \times 3 =$	5 x2 pts. = 10 pts
		 2 marks

2.	$704 \times 5 =$	
		 2 marks

3.	$42 \times 20 =$	
		 2 marks

4.	$61 \times 24 =$	
		 2 marks

5.	$40 \times 21 =$	
		 2 marks

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

A.	2-digit by 1-digit	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 10px auto;"></div>	5 x1 pt. = 5 pts
	1. $40 \div 8 =$ _____		<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div>
	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.	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 10px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div>
	1. $404 \div 8 =$		

2.	$646 \div 2 =$ _____	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 10px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div>
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3.	$246 \div 6 =$ _____	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 10px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div>
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4.	$497 \div 7 = \underline{\hspace{2cm}}$	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="background-color: #e0e0ff; padding: 5px; text-align: center;">2 marks</div>
	<div style="background-color: #f0f0f0; width: 100%; height: 100px; border: 1px solid #ccc; position: relative;"> <div style="position: absolute; bottom: 10px; right: 10px; border: 1px solid #007bff; width: 150px; height: 30px;"></div> </div>	

5.	$200 \div 5 = \underline{\hspace{2cm}}$	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="background-color: #e0e0ff; padding: 5px; text-align: center;">1 mark</div>
	<div style="background-color: #f0f0f0; width: 100%; height: 100px; border: 1px solid #ccc; position: relative;"> <div style="position: absolute; bottom: 10px; right: 10px; border: 1px solid #007bff; width: 150px; height: 30px;"></div> </div>	

VII. Odd and Even Numbers.

1	127 is it even or odd = <u> </u> Even + Odd = <u> </u> Even + Even = <u> </u> Odd + Odd = <u> </u> Odd x Even = <u> </u> Even x Even = <u> </u>	<div style="border: 1px solid black; width: 100px; height: 40px; margin: 0 auto;"></div> <div style="background-color: #e0e0ff; padding: 5px; text-align: center;">6 marks</div>
	<div style="background-color: #f0f0f0; width: 100%; height: 100px; border: 1px solid #ccc; position: relative;"> <div style="position: absolute; bottom: 10px; right: 10px; border: 1px solid #007bff; width: 150px; height: 50px;"></div> </div>	