

# Fluent in Five

Daily Arithmetic Practice  
Week 10


Year 5


## Year 5 - Week 10


Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.


### This week in a nutshell

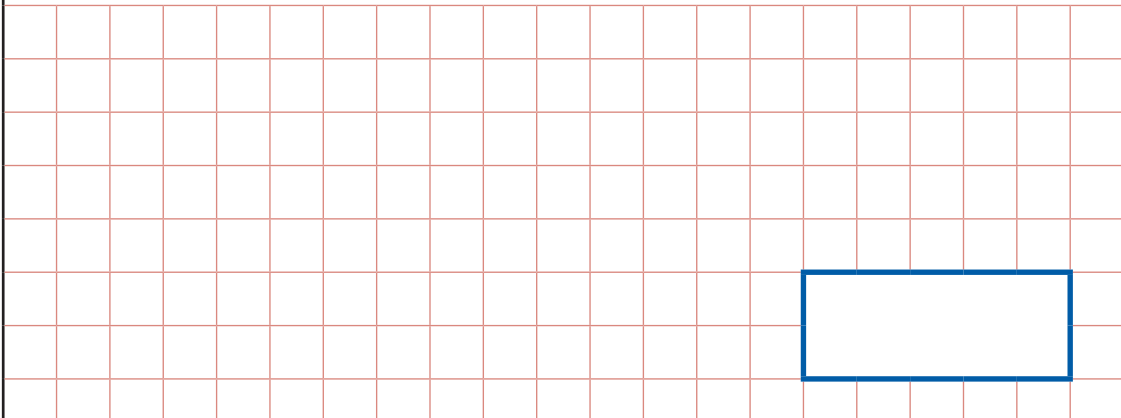
- Mental multiplication, division, addition and subtraction content from the previous 9 weeks is recapped.
- Pupils are also introduced to the mental division of multiples of 10 by multiples of 10 for the first time (e.g.  $240 \div 60$ ).
- Pupils are introduced to the addition and subtractions of fractions where the denominators are not the same. For the next few weeks, these questions will always only require a single conversion.
- Written questions continue to focus on addition and subtraction of larger numbers, together with long and short multiplication.

1	$490 \div 70 =$ 	<input data-bbox="1385 712 1465 788" type="checkbox"/> 1 mark
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2	$67,532 - 13,883 =$ 	<input data-bbox="1385 1332 1465 1408" type="checkbox"/> 1 mark
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3	$943 \times 47 =$ 	<input data-bbox="1385 1957 1465 2033" type="checkbox"/> 2 marks
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4	$3^3 =$ 	<input data-bbox="1385 703 1465 779" type="checkbox"/> 1 mark
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5	$\frac{1}{3} + \frac{1}{6} =$ 	<input data-bbox="1385 1328 1465 1404" type="checkbox"/> 1 mark
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## Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1.  $490 \div 70 = \mathbf{7}$  (M)

2.  $67,532 - 13,883 = \mathbf{53,649}$  (W)

3.  $943 \times 47 = \mathbf{44,321}$  (W)


4.  $3^3 = \mathbf{27}$  (M)

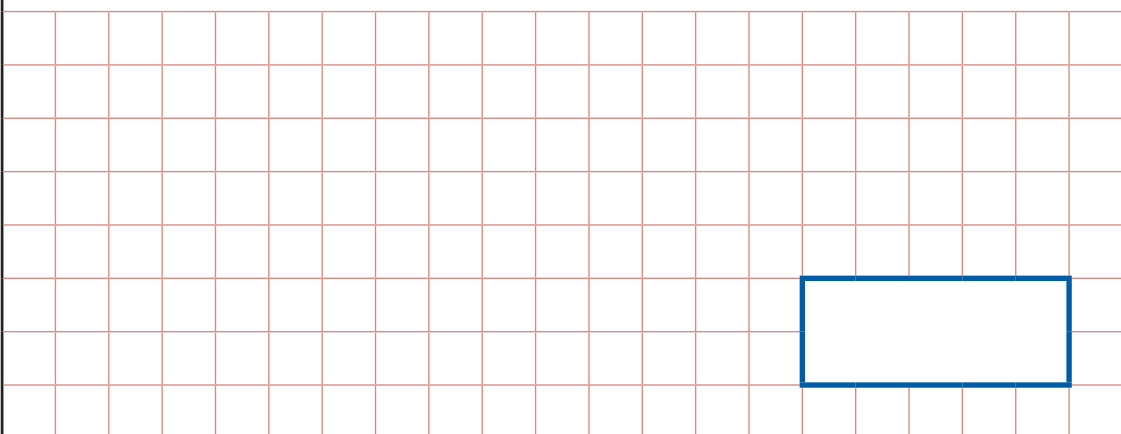
5.  $\frac{1}{3} + \frac{1}{6} = \frac{\mathbf{3}}{\mathbf{6}}$  or  $\frac{\mathbf{1}}{\mathbf{2}}$  (M)

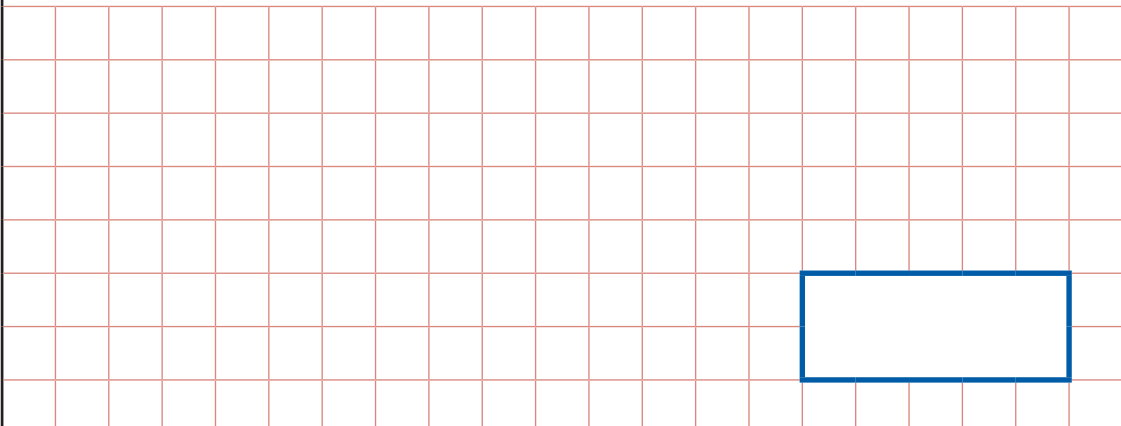
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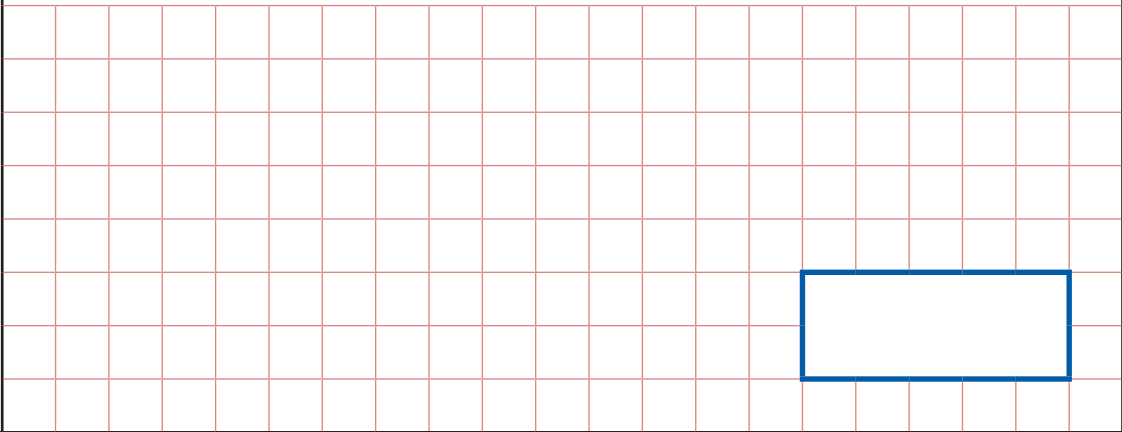
Date..... School.....

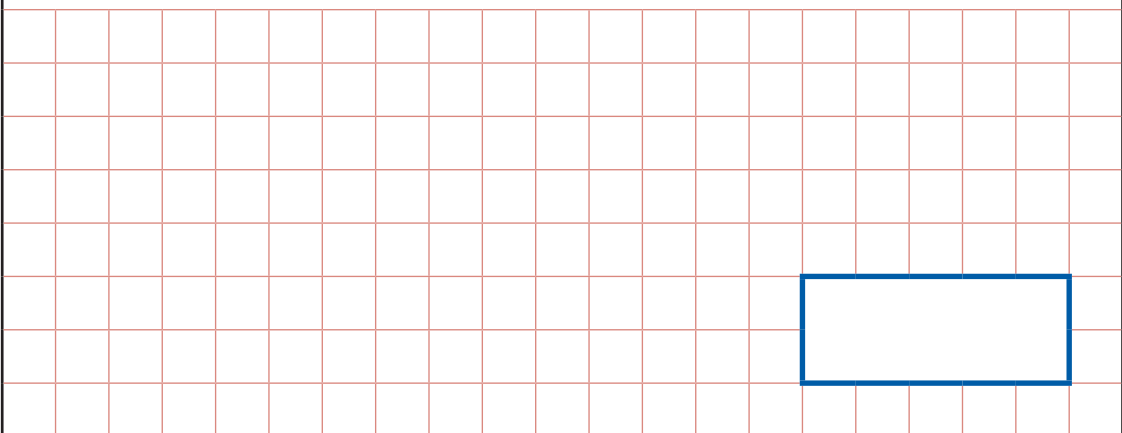
Class..... Score.....

1	$2^3 =$ 	<input data-bbox="1388 705 1468 795" type="text"/> 1 mark
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2	$550 \div 110 =$ 	<input data-bbox="1388 1332 1468 1422" type="text"/> 1 mark
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3	$\frac{1}{5} + \frac{1}{10} =$ 	<input data-bbox="1388 1960 1468 2049" type="text"/> 1 mark
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4	$87,493 - 38,428 =$ 	<input data-bbox="1390 712 1469 792" type="checkbox"/> 1 mark
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5	$543 \times 76 =$ 	<input data-bbox="1390 1330 1469 1411" type="checkbox"/> 2 marks
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## Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1.  $2^3 = 8$  (M)

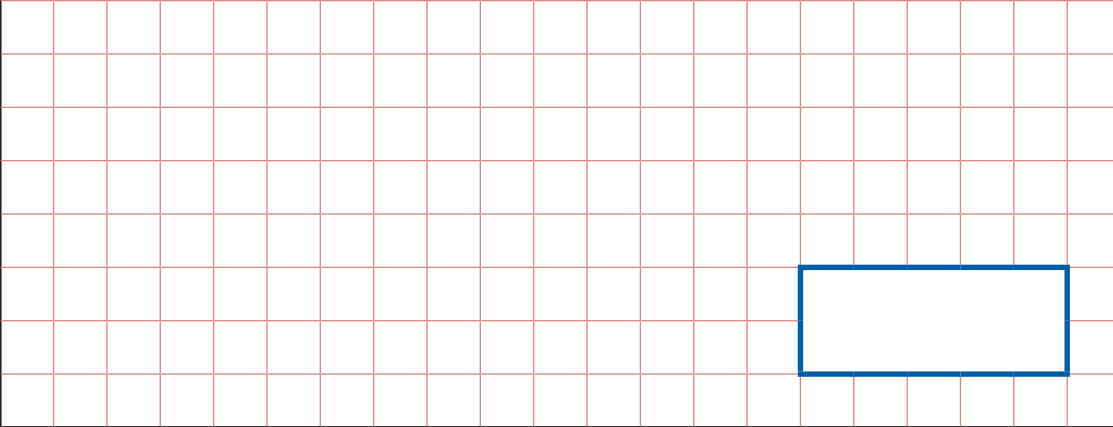
2.  $550 \div 110 = 5$  (M)

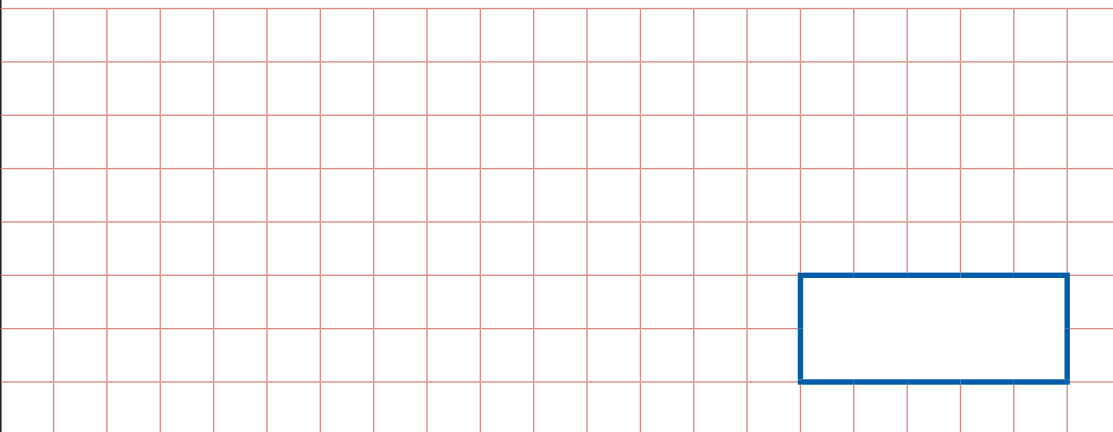
3.  $\frac{1}{5} + \frac{1}{10} = \frac{3}{10}$  (M)

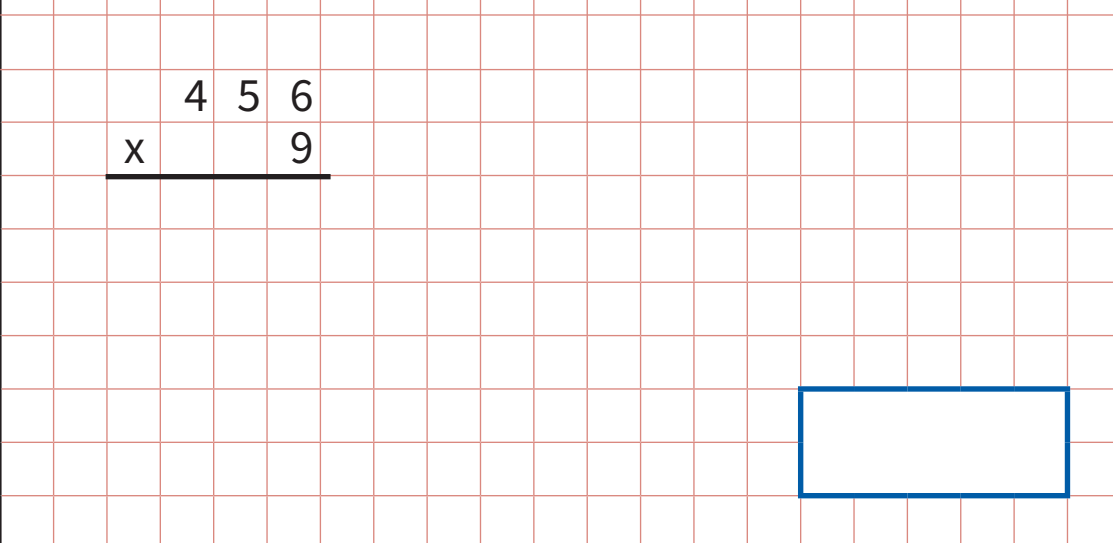
4.  $87,493 - 38,428 = 49,065$  (W)

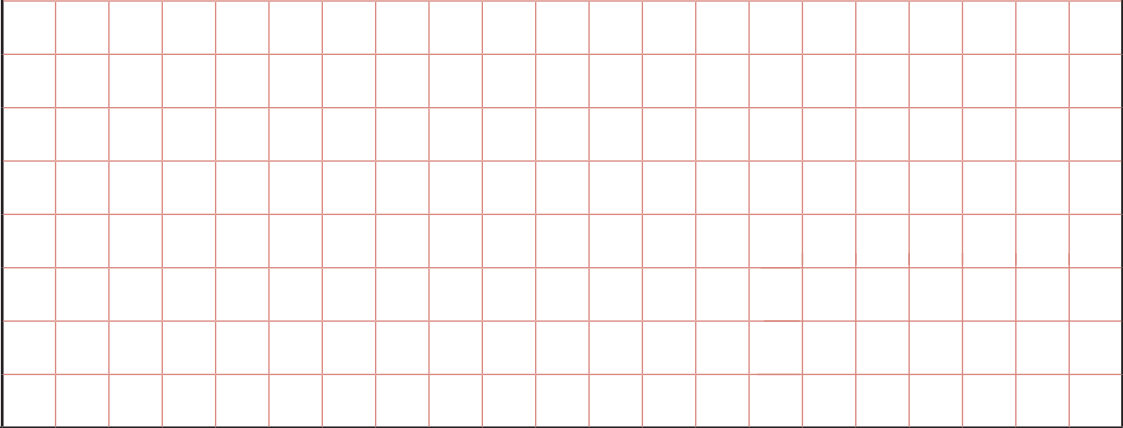
5.  $543 \times 76 = 41,268$  (W)




<b>1</b>	$\frac{1}{6} + \frac{1}{3} =$		<input type="text"/> 1 mark
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<b>2</b>	$60 \div 30 =$		<input type="text"/> 1 mark
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<b>3</b>	$\begin{array}{r} 4\ 5\ 6 \\ \times \quad 9 \\ \hline \end{array}$		<input type="text"/> 1 mark
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4	$45,321 + \boxed{\phantom{00000}} = 84,324$ 	<input data-bbox="1388 705 1468 784" type="checkbox"/> 1 mark
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5	$6^2 =$  <input data-bbox="1029 1332 1300 1444" type="text"/>	<input data-bbox="1388 1332 1468 1411" type="checkbox"/> 1 mark
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## Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1.  $\frac{1}{6} + \frac{1}{3} = \frac{3}{6}$  or  $\frac{1}{2}$  (M)

2.  $60 \div 30 = 2$  (M)

3.  $456 \times 9 = 4,104$  (W)

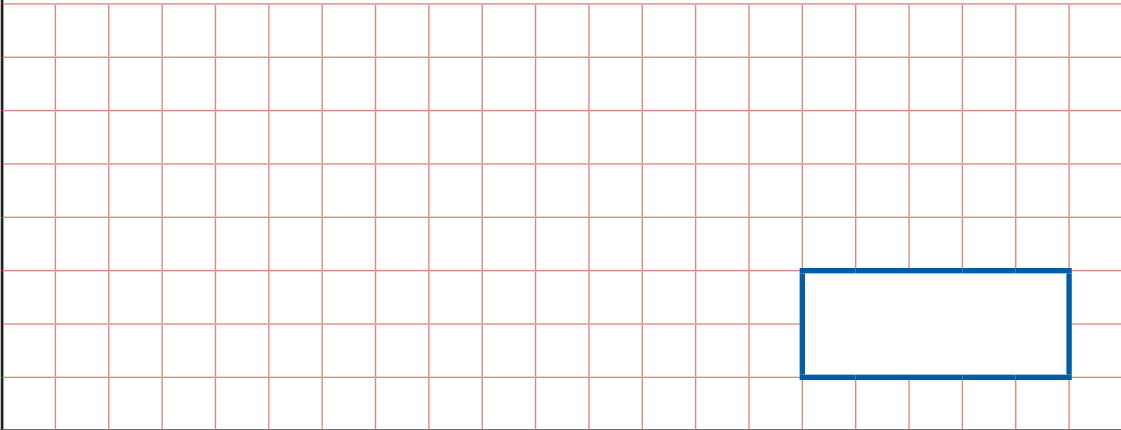
4.  $45,321 + 39,003 = 84,324$  (W)

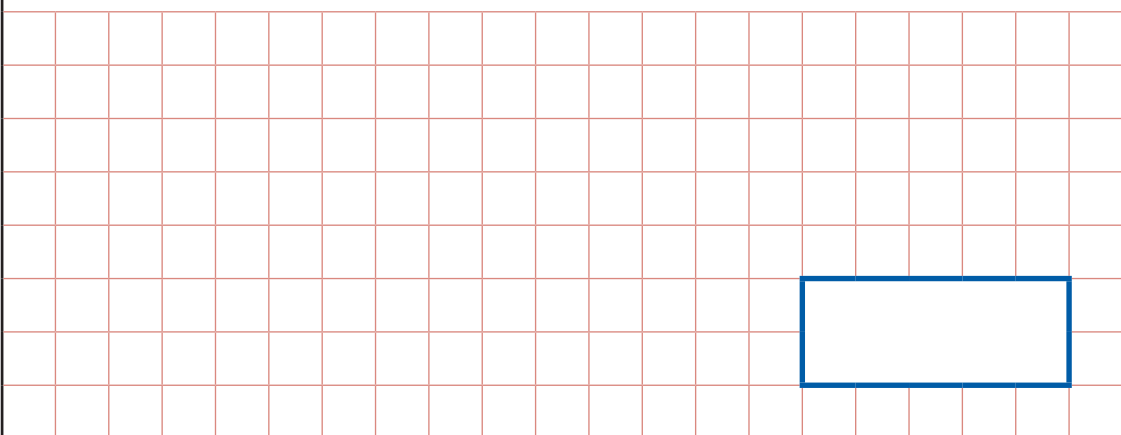
5.  $6^2 = 36$  (M)

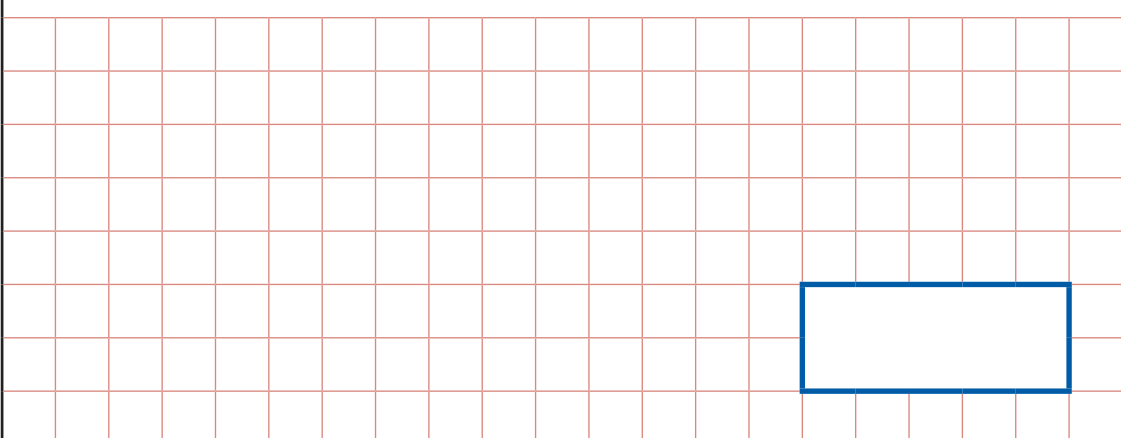
Name.....

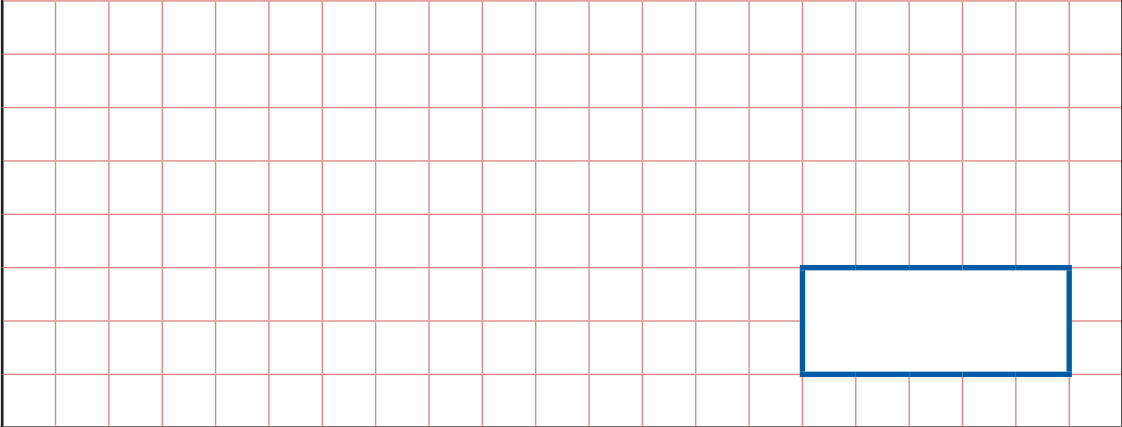
Date.....School.....


Class.....Score.....

1	$780 \div 100 =$ 	<input data-bbox="1388 694 1468 772" type="checkbox"/> 1 mark
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2	$943 \times 3 =$ 	<input data-bbox="1388 1321 1468 1400" type="checkbox"/> 1 mark
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3	$1^3 =$ 	<input data-bbox="1388 1937 1468 2016" type="checkbox"/> 1 mark
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4	<div data-bbox="272 293 549 405" style="border: 1px solid blue; width: 173px; height: 50px; display: inline-block;"></div> + 8,432 = 19,322   <div data-bbox="1031 703 1302 815" style="border: 1px solid blue; width: 170px; height: 50px; display: inline-block;"></div>	<div data-bbox="1390 698 1469 779" style="border: 1px solid black; width: 50px; height: 36px; display: inline-block;"></div> 1 mark
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5	$\frac{3}{5} + \frac{1}{15} =$   <div data-bbox="1031 1326 1302 1438" style="border: 1px solid blue; width: 170px; height: 50px; display: inline-block;"></div>	<div data-bbox="1390 1321 1469 1402" style="border: 1px solid black; width: 50px; height: 36px; display: inline-block;"></div> 1 mark
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## Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

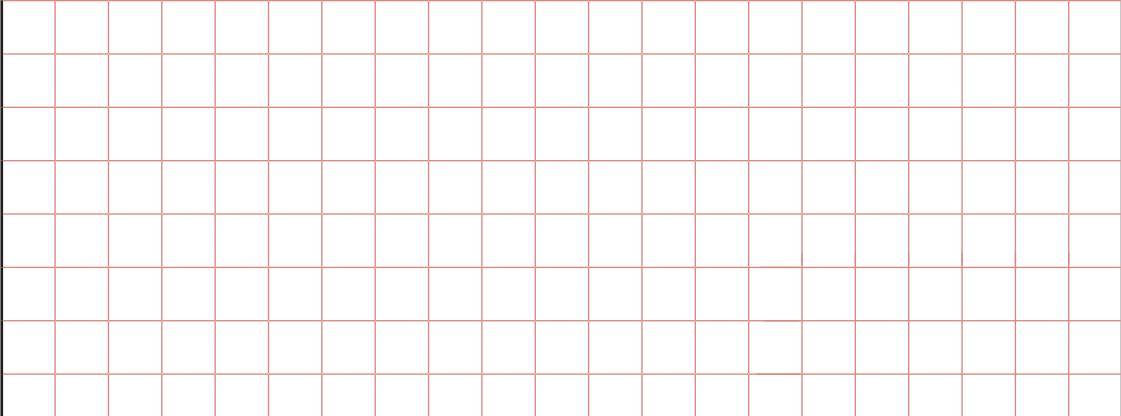
1.  $780 \div 100 = \mathbf{7.8}$  (M)


2.  $943 \times 3 = \mathbf{2,829}$  (W)


3.  $1^3 = \mathbf{1}$  (M)


4.  $\mathbf{10,890} + 8,432 = 19,322$  (W)

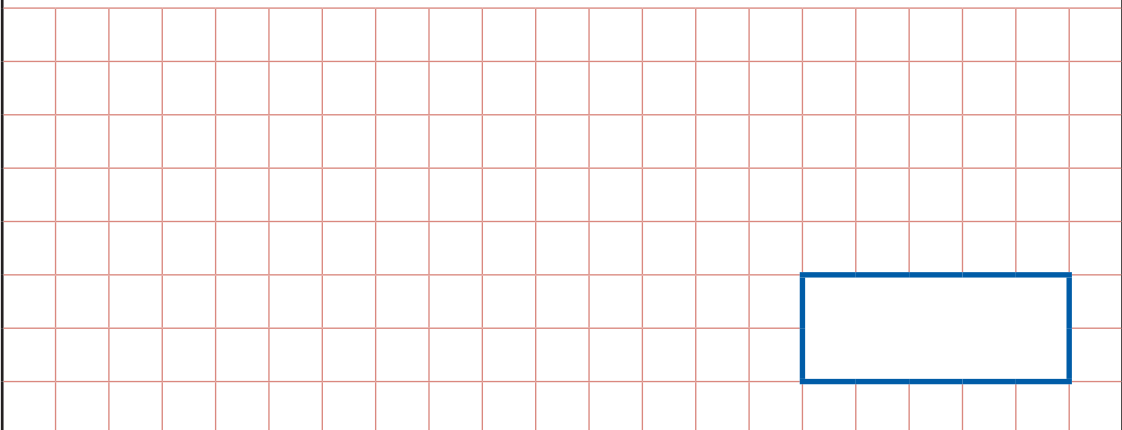
5.  $\frac{3}{5} + \frac{1}{15} = \frac{\mathbf{10}}{\mathbf{15}}$  or  $\frac{\mathbf{1}}{\mathbf{3}}$  (M)

1	$81 \times 2 =$ 	<input data-bbox="1385 719 1465 797" type="checkbox"/> 1 mark
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2	$3^3 =$  <input data-bbox="1029 1346 1300 1458" type="text"/>	<input data-bbox="1385 1346 1465 1424" type="checkbox"/> 1 mark
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3	$43 \times 32 =$  <input data-bbox="1029 1968 1300 2080" type="text"/>	<input data-bbox="1385 1968 1465 2047" type="checkbox"/> 2 marks
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4	$65,485 - 8,489 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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5	$720 \div 80 =$ 	<input data-bbox="1390 1310 1469 1388" type="checkbox"/> 1 mark
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## Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1.  $81 \times 2 = \mathbf{162}$  (M)

2.  $3^3 = \mathbf{27}$  (M)

3.  $43 \times 32 = \mathbf{1,376}$  (W)

4.  $65,485 - 8,489 = \mathbf{56,996}$  (W)

5.  $720 \div 80 = \mathbf{9}$  (M)