

# Fluent in Five

Daily Arithmetic Practice  
Week 21

Year 5


## Year 5 - Week 21

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

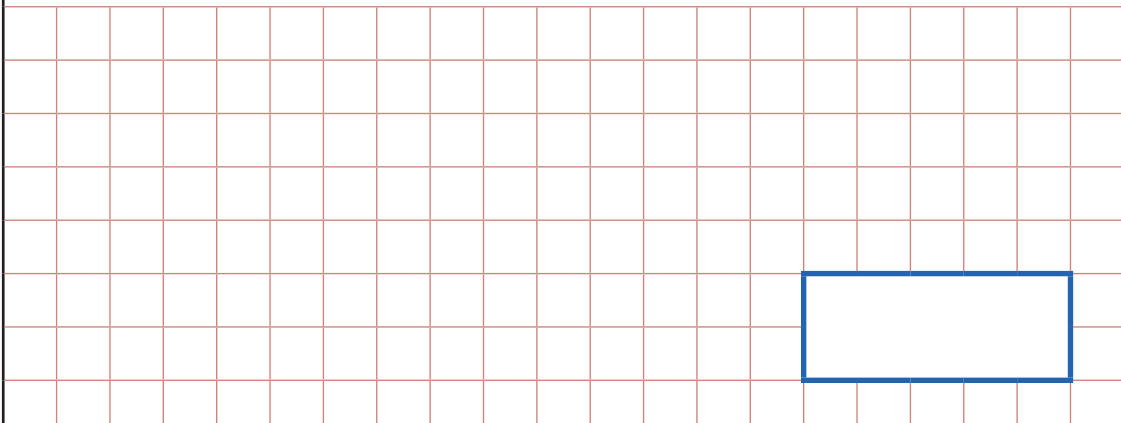
### This week in a nutshell

- From this week onwards, the number of written questions varies each day to ensure that children are actively identifying written and mental methods. Each day there will be between 1 and 3 questions which may be best approached using a written method.
- Mental addition and subtraction this week focuses on adding three single digit numbers. Mental multiplication focuses on multiplying 3 or more single digit numbers together, with children using their knowledge of associative and distributive laws to help them.
- Written questions are taken from across the full range of objectives.
- Fraction questions focus on children adding and subtracting fractions together and multiplying fractions and mixed numbers by whole numbers.

<b>1</b>	$4 + 7 + 4 =$		<input type="checkbox"/> 1 mark
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<b>2</b>	$\begin{array}{r} 7971 \\ \times \quad 38 \\ \hline \end{array}$		<input type="checkbox"/> 2 marks
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<b>3</b>	$\frac{3}{5} + \frac{2}{10} =$		<input type="checkbox"/> 1 mark
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4	$35,259 + 81,191 =$ 	<input data-bbox="1385 707 1465 786" type="checkbox"/> 1 mark
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5	$7 \times 8 \times 5 =$ 	<input data-bbox="1385 1323 1465 1402" 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.  $4 + 7 + 4 = \mathbf{15}$  (M)

2.  $7,971 \times 38 = \mathbf{302,898}$  (W)

3.  $\frac{3}{5} + \frac{2}{10} = \frac{\mathbf{8}}{\mathbf{10}}$  or  $\frac{\mathbf{4}}{\mathbf{5}}$  (M)

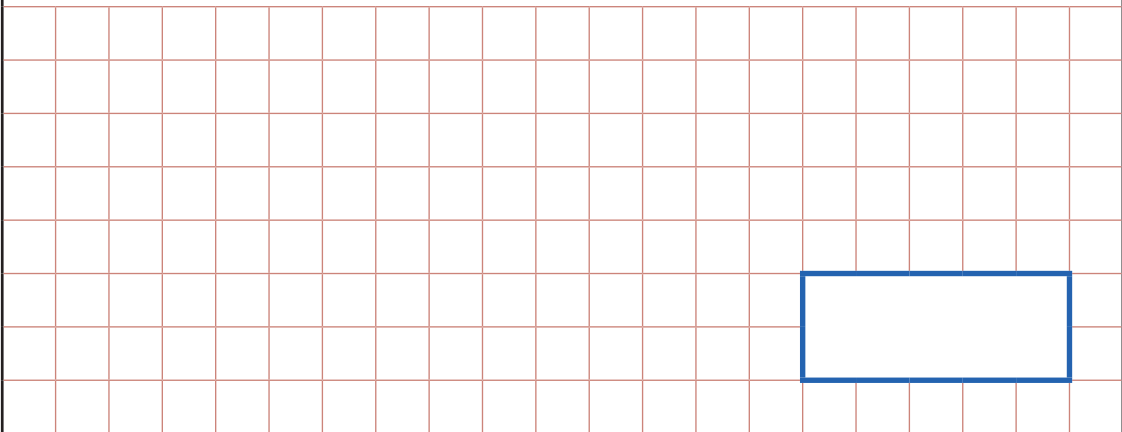
4.  $35,259 + 81,191 = \mathbf{116,450}$  (W)

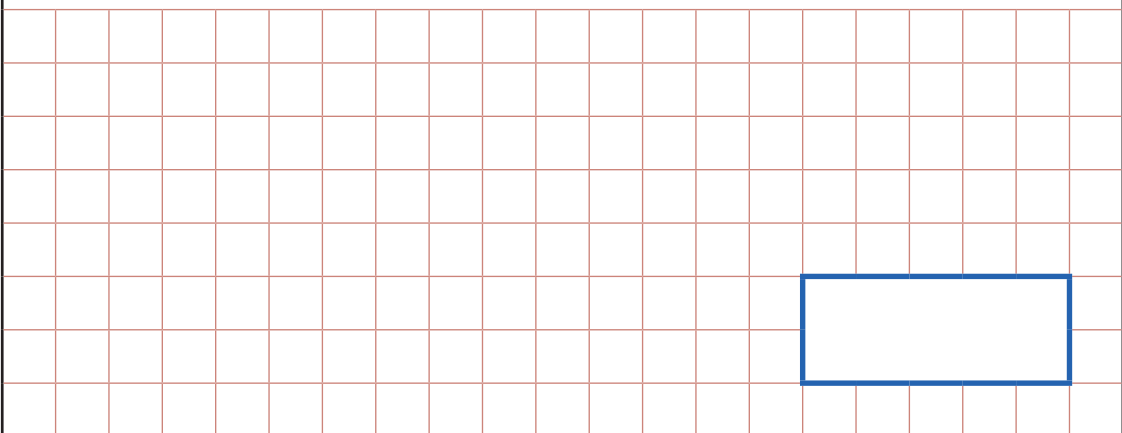
5.  $7 \times 8 \times 5 = \mathbf{280}$  (M)

1	$9 \overline{) 9963}$	<input style="width: 80%; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/> 1 mark
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2	$6 + 3 + 4 =$	<input style="width: 80%; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/> 1 mark
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3	<input style="width: 150px; height: 40px;" type="text"/> + 16,273 = 49,626	<input style="width: 80%; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/> 1 mark
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4	$4,623 \times 28 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 2 marks
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5	$\frac{9}{12} - \frac{1}{4} =$ 	<input data-bbox="1390 1335 1469 1408" 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.  $9,963 \div 9 = \mathbf{1,107}$  (W)

2.  $6 + 3 + 4 = \mathbf{13}$  (M)

3.  $\mathbf{33,353} + 16,273 = 49,626$  (W)

4.  $4,623 \times 28 = \mathbf{129,444}$  (W)

5.  $\frac{9}{12} - \frac{1}{4} = \frac{\mathbf{6}}{\mathbf{12}}$  or  $\frac{\mathbf{3}}{\mathbf{6}}$  or  $\frac{\mathbf{1}}{\mathbf{2}}$  (M)



1

$$\begin{array}{r} 76264 \\ + 41898 \\ \hline \end{array}$$

1 mark

2

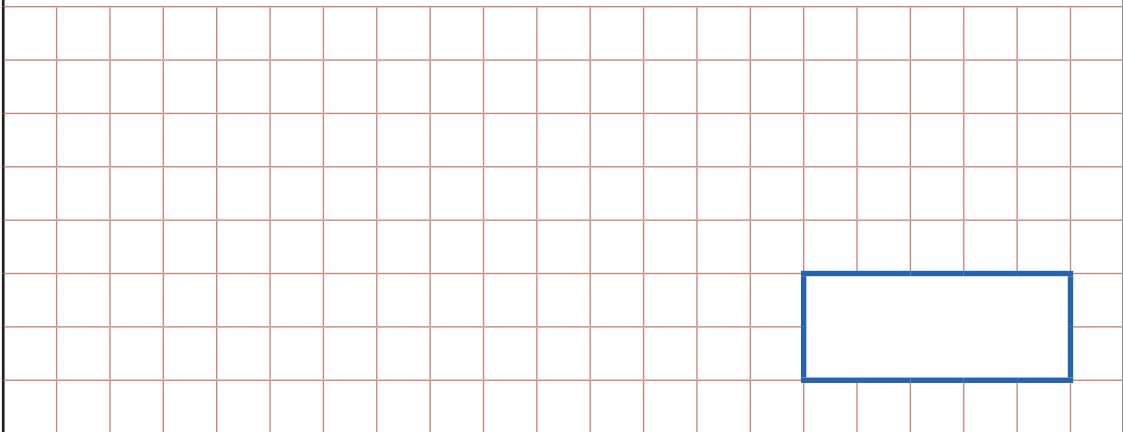
$7 \times 2 \times 4 =$

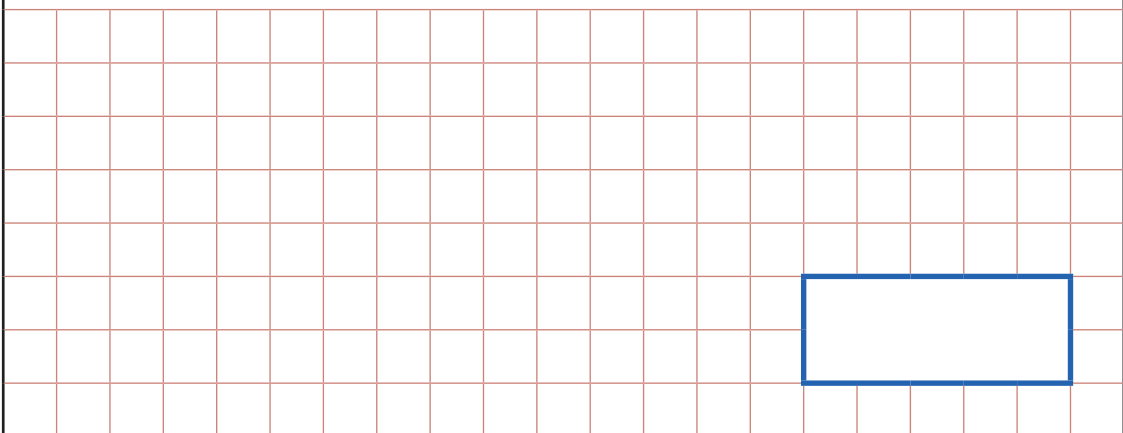
1 mark

3

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

1 mark

4	$2 + 9 + 6 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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5	$\frac{2}{3} + \frac{3}{12} =$ 	<input data-bbox="1390 1330 1469 1408" 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.  $76,264 + 41,898 = \mathbf{118,162}$  (W)

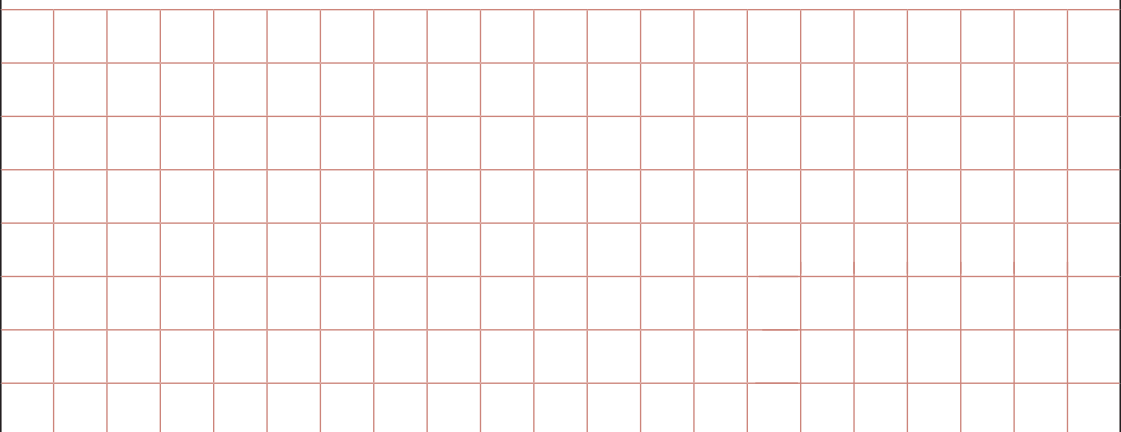
2.  $7 \times 2 \times 4 = \mathbf{56}$  (M)

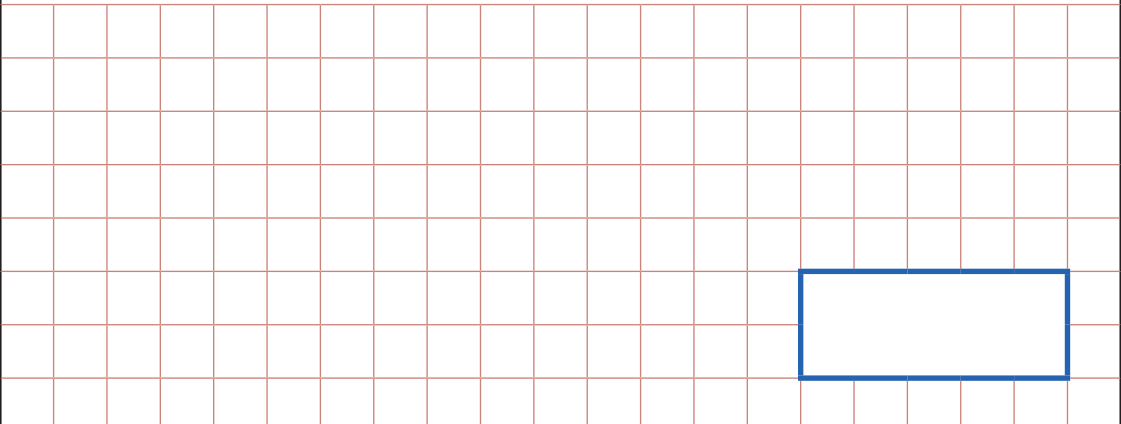
3.  $\frac{4}{5} \times 3 = \frac{\mathbf{12}}{\mathbf{5}}$  or  $2 \frac{\mathbf{2}}{\mathbf{5}}$  (M)

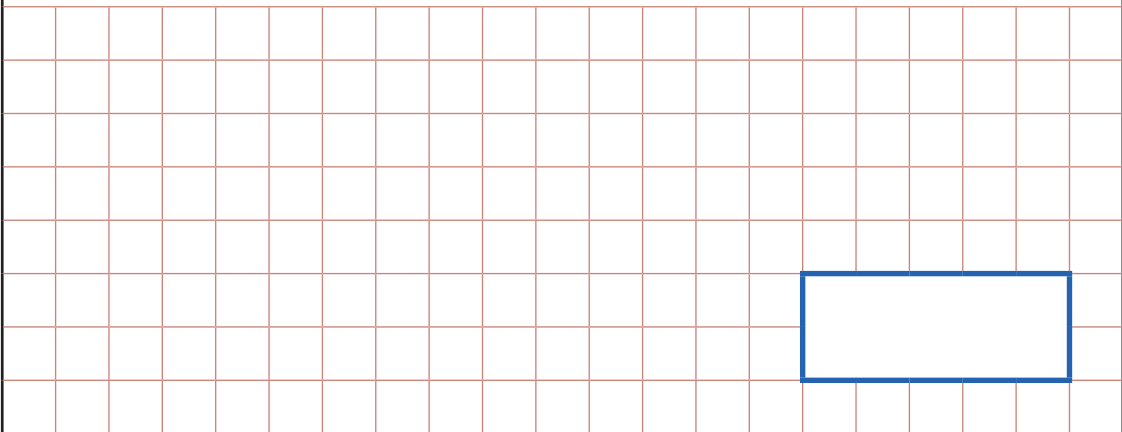
4.  $2 + 9 + 6 = \mathbf{17}$  (M)

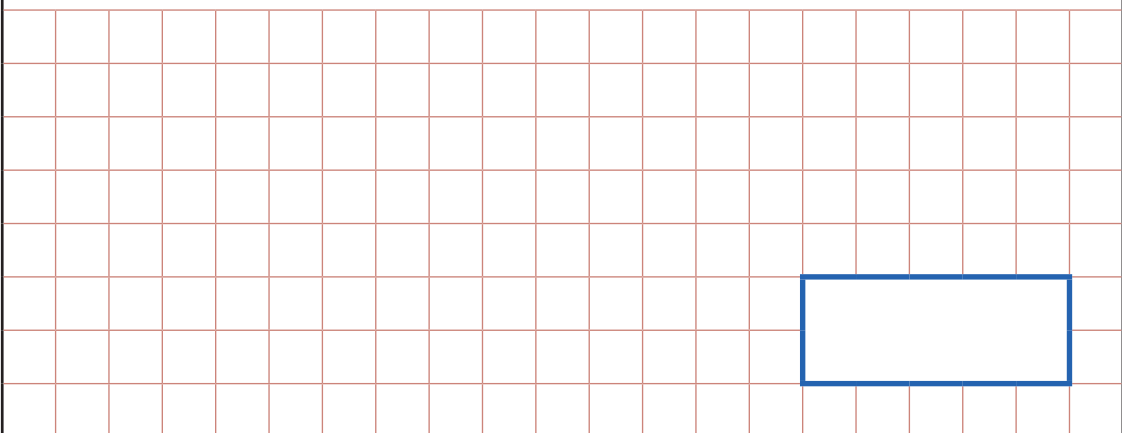
5.  $\frac{2}{3} + \frac{3}{12} = \frac{\mathbf{11}}{\mathbf{12}}$  (M)

<b>1</b>	$\frac{2}{3} \times 7 =$		<input type="checkbox"/> 1 mark
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<b>2</b>	$79,191 - \boxed{\phantom{00000}} = 35,607$		<input type="checkbox"/> 1 mark
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<b>3</b>	$7,860 \times 78 =$		<input type="checkbox"/> 2 marks
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4	$6 \times 5 \times 5 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark
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5	$3,375 \div 6 =$ 	<input data-bbox="1390 1335 1469 1408" 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.  $\frac{2}{3} \times 7 = \frac{14}{3}$  or  $4 \frac{2}{3}$  (M)

2.  $79,191 - 43,584 = 35,607$  (W)

3.  $7,860 \times 78 = 613,080$  (W)

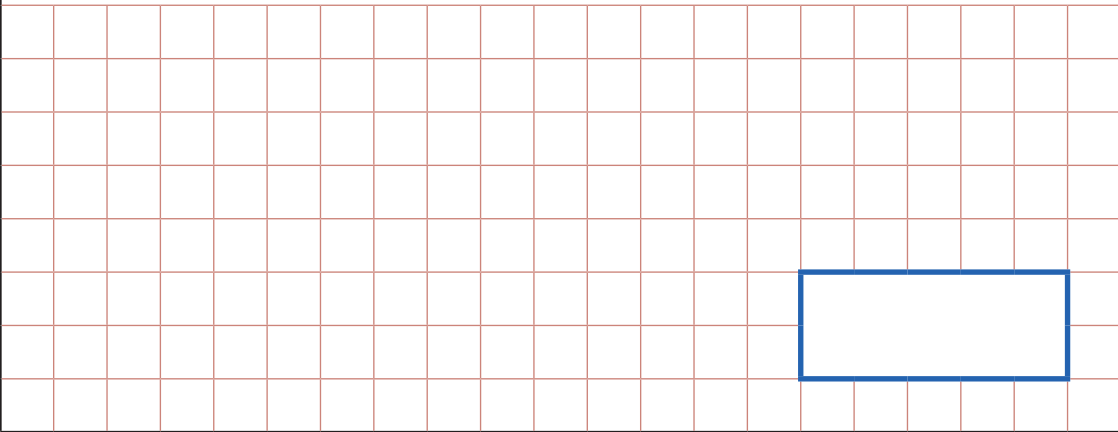
4.  $6 \times 5 \times 5 = 150$  (M)


5.  $3,375 \div 6 = 562 \text{ r}3$  or  $562 \frac{3}{6}$  or  $562.5$  (W)

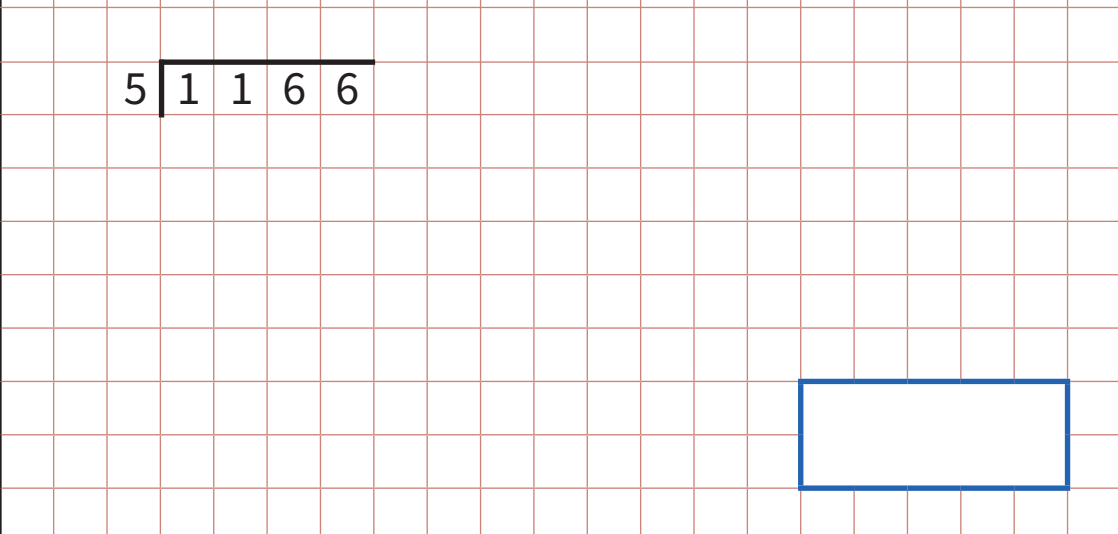
Name.....

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

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

<b>1</b>	$9 \times 2 \times 5 =$	
		<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>
		<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> 1 mark

<b>2</b>	$6 + 6 + 7 =$	
		<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>
		<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> 1 mark

<b>3</b>	$5 \overline{) 1166}$	
		<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>
		<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> 1 mark

4

$$\frac{5}{6} \times 4 =$$

1 mark

5

$$\begin{array}{r} 34955 \\ - 26967 \\ \hline \end{array}$$

1 mark



## 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.  $9 \times 2 \times 5 = \mathbf{90}$  (M)

2.  $6 + 6 + 7 = \mathbf{19}$  (M)

3.  $1,166 \div 5 = \mathbf{233 \text{ r}1}$  or  $233 \frac{\mathbf{1}}{\mathbf{5}}$  or  $\mathbf{233.2}$  (W)

4.  $\frac{\mathbf{5}}{\mathbf{6}} \times 4 = \frac{\mathbf{20}}{\mathbf{6}}$  or  $\mathbf{3} \frac{\mathbf{2}}{\mathbf{6}}$  or  $\mathbf{3} \frac{\mathbf{1}}{\mathbf{3}}$  (M)

5.  $34,955 - 26,967 = \mathbf{7,988}$  (W)