

# Fluent in Five

Daily Arithmetic Practice  
Week 28

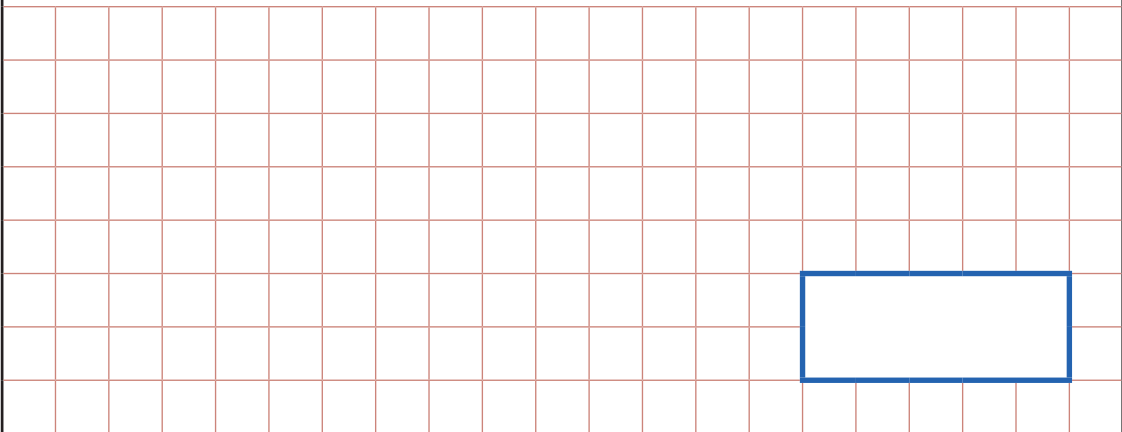
Year 6

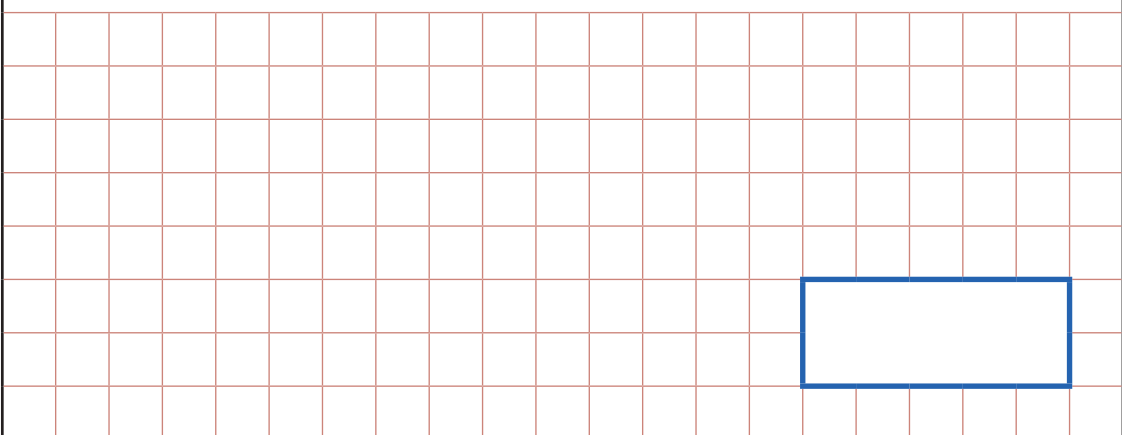
## Year 6 - Week 28

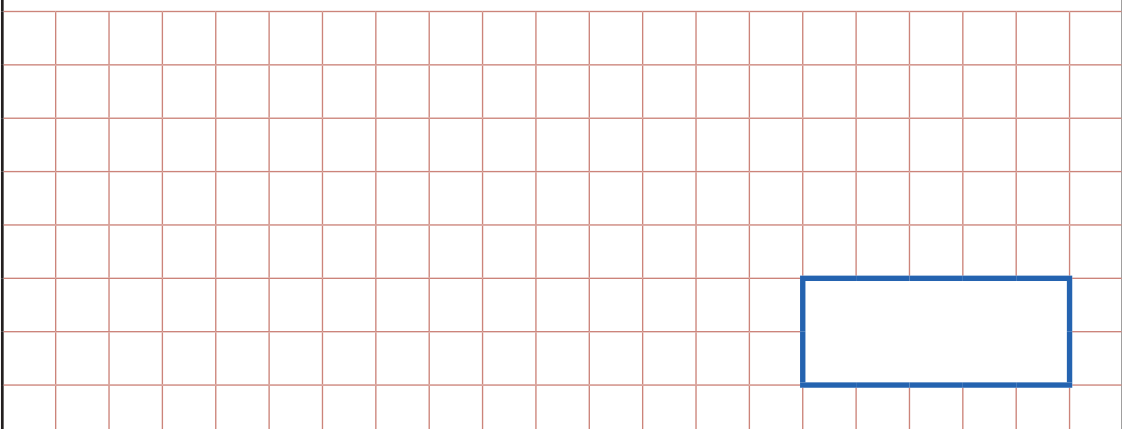
Please note, we recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

### This week in a nutshell

As children continue to get closer to the Key Stage 2 Calculations SATs paper, the number of questions continues to be 8 per day with all children being encouraged to attempt all 8 questions. The questions have a varying mix of written and mental questions.

1	$34.432 \times 100 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark
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2	$8,000 \times 80 =$ 	<input data-bbox="1390 1332 1469 1406" type="checkbox"/> 1 mark
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3	$\frac{3}{10}$ of 55 = 	<input data-bbox="1390 1957 1469 2031" type="checkbox"/> 1 mark
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4

$443 \times 7 =$

1 mark

5

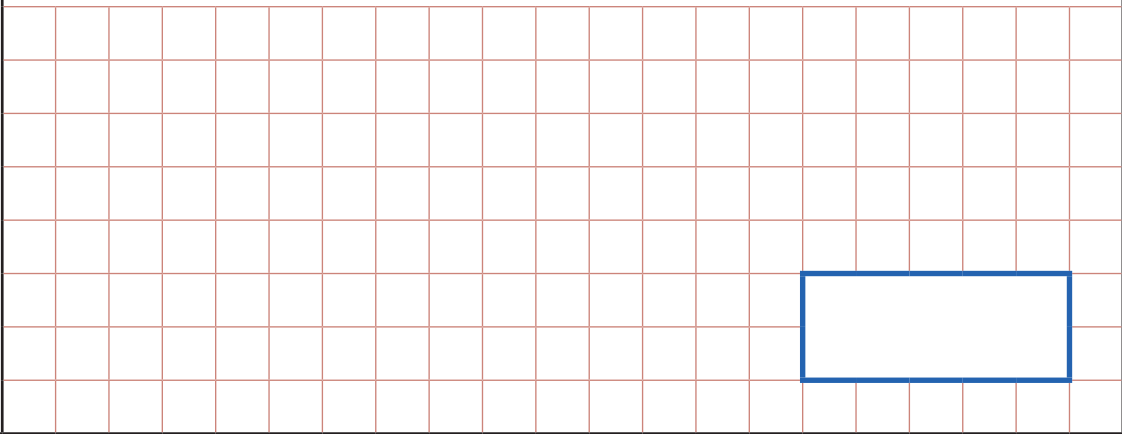
$$\begin{array}{r} 8584 \\ + 473922 \\ \hline \end{array}$$

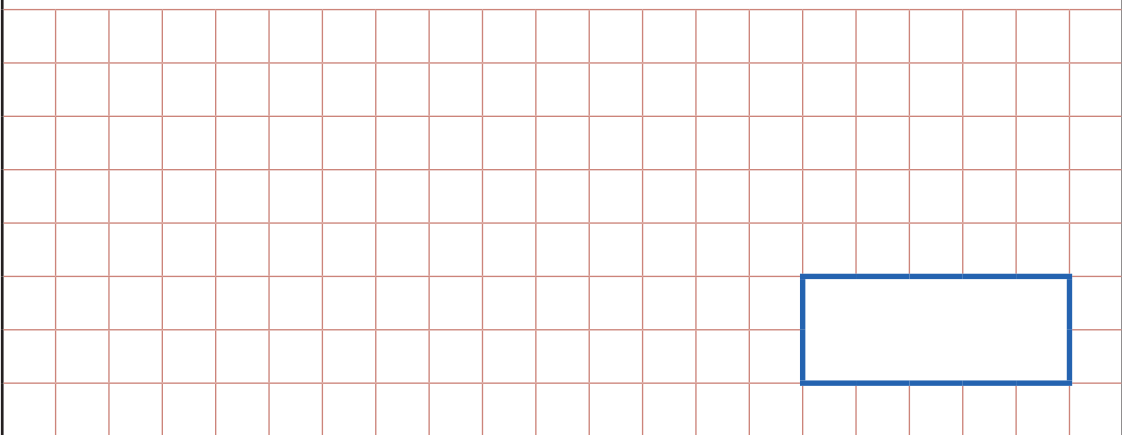
1 mark

6

$1,554 \div 21 =$

2 marks

7	$65.3 + 1.4 =$  <input data-bbox="1031 712 1302 824" type="text"/>	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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8	$\frac{4}{5} + \frac{3}{5} =$  <input data-bbox="1031 1332 1302 1444" type="text"/>	<input data-bbox="1390 1328 1469 1406" 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.  $34.432 \times 100 = \mathbf{3,434.2}$  (M)

2.  $8,000 \times 80 = \mathbf{640,000}$  (M)

3.  $\frac{3}{10}$  of 55 =  $\mathbf{16.5}$  (M)

4.  $443 \times 7 = \mathbf{5,244}$  (W)

5.  $8,584 + 47,3922 = \mathbf{482,506}$  (W)

6.  $1,554 \div 21 = \mathbf{74}$  (W)

7.  $65.3 + 1.4 = \mathbf{66.7}$  (M)

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

1											
	7   1 9 6 3										
								<input type="text"/>		<input type="checkbox"/>	1 mark

2	500 x 70 =										
								<input type="text"/>		<input type="checkbox"/>	1 mark

3	$\frac{1}{4} + \frac{1}{5} =$										
								<input type="text"/>		<input type="checkbox"/>	1 mark

4

$$\frac{7}{15} \times 45 =$$

1 mark

5

$$417,943 - 10,695 =$$

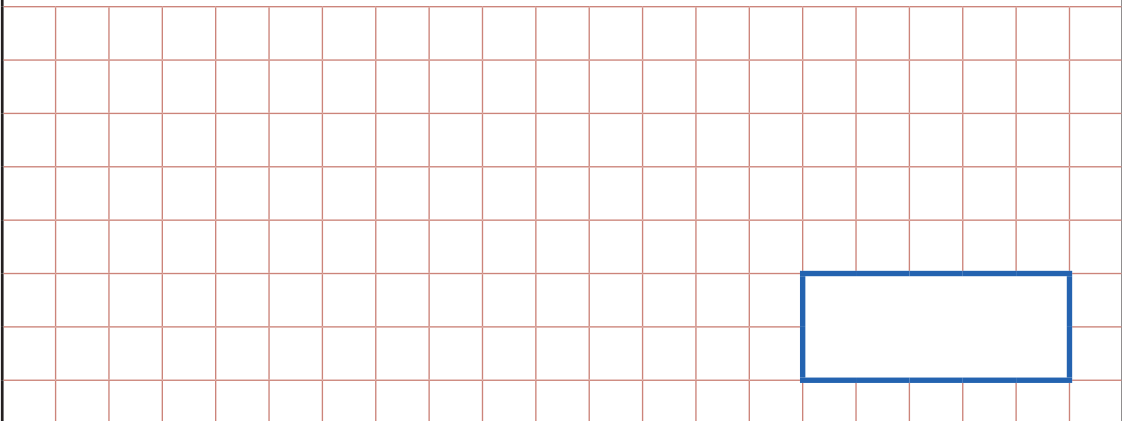
1 mark

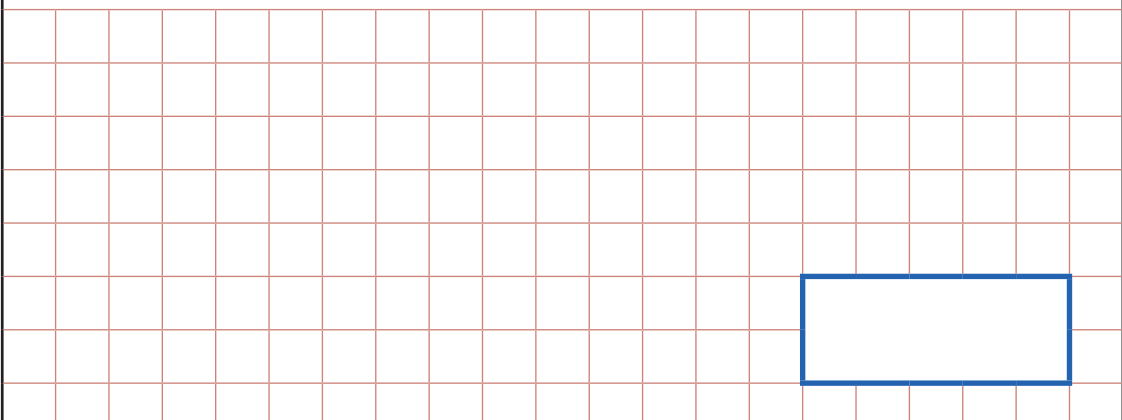
6

$$30\% \text{ of } 900 =$$

1 mark



7	$65 \times 87 =$ 	<input data-bbox="1386 707 1466 786" type="checkbox"/> 2 marks
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8	$1,134 \div 54 =$ 	<input data-bbox="1386 1328 1466 1406" 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.  $1963 \div 7 = \mathbf{284 \text{ r}3}$  (W)

2.  $500 \times 70 = \mathbf{35,000}$  (M)

3.  $\frac{1}{4} + \frac{1}{5} = \frac{\mathbf{9}}{\mathbf{20}}$  (M)

4.  $\frac{7}{15} \times 45 = \mathbf{21}$  (M)

5.  $417,943 - 10,695 = \mathbf{407,248}$  (W)

6. 30% of 900 =  $\mathbf{270}$  (M)

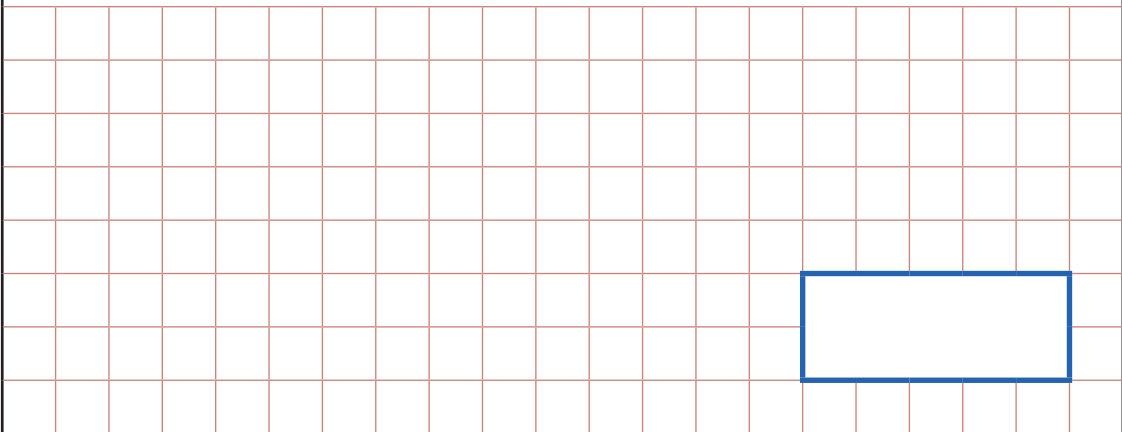
7.  $65 \times 87 = \mathbf{5,655}$  (W)

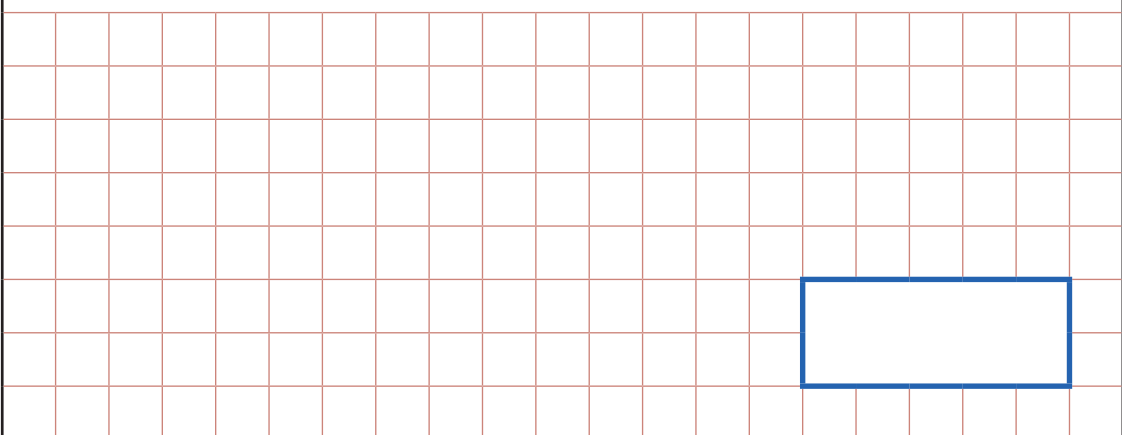
8.  $1,134 \div 54 = \mathbf{21}$  (W)

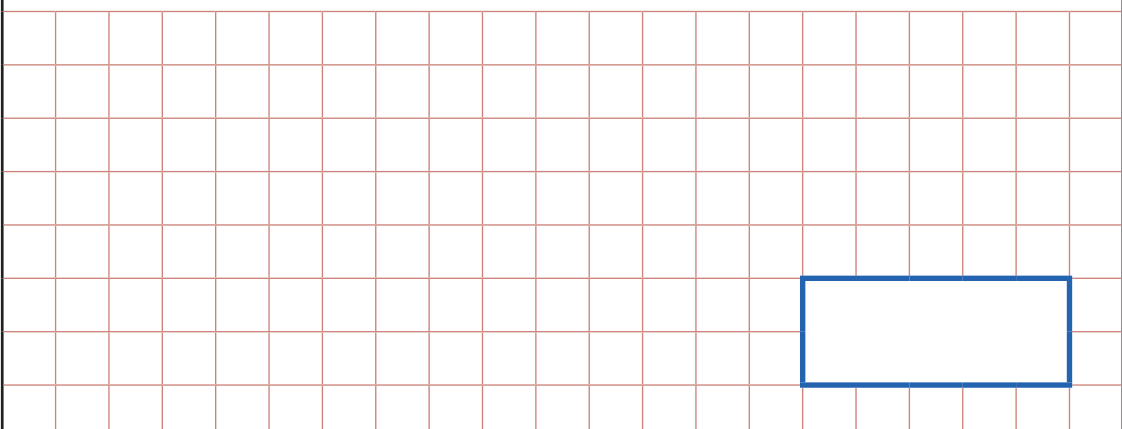
<b>1</b>	$50 \times 800 =$	<input type="text"/> 1 mark
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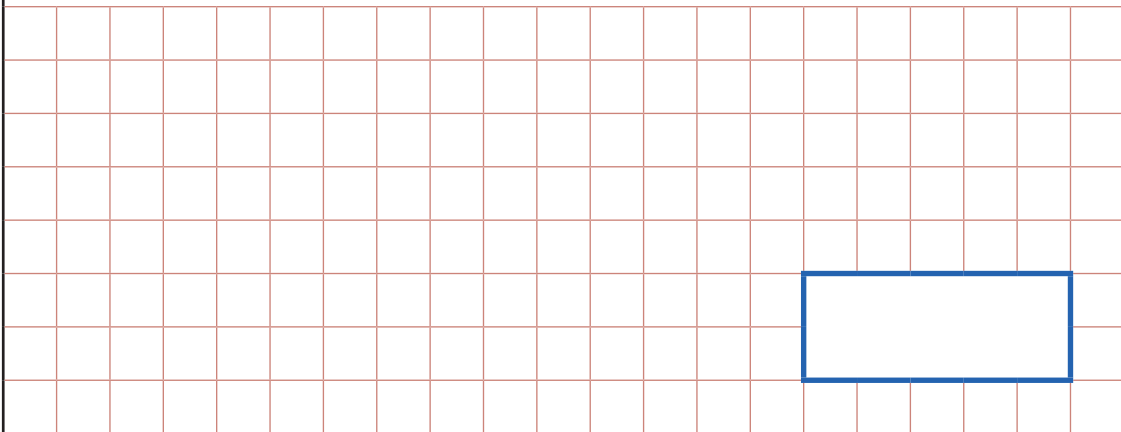
<b>2</b>	$\begin{array}{r} 594 \\ \times \quad 7 \\ \hline \end{array}$	<input type="text"/> 1 mark
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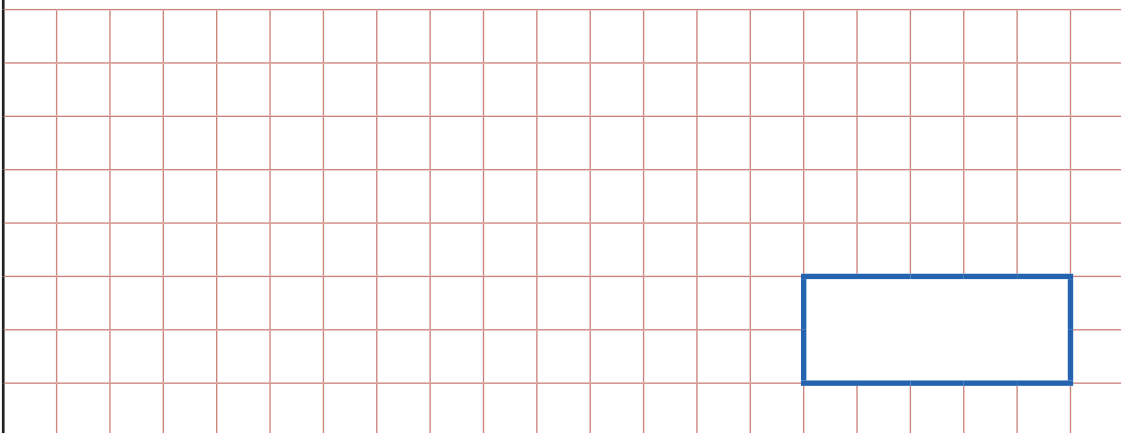
<b>3</b>	$\frac{1}{8} \times 6,400 =$	<input type="text"/> 1 mark
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4	$\frac{1}{4} + \frac{3}{8} =$  <div data-bbox="1031 712 1302 824" style="border: 1px solid blue; width: 170px; height: 50px; margin-left: auto; margin-right: auto;"></div>	<div data-bbox="1390 707 1469 786" style="border: 1px solid black; width: 50px; height: 35px; margin: 0 auto;"></div> <p data-bbox="1385 786 1474 815" style="text-align: center;">1 mark</p>
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5	$4,318,035 - 480,432 =$  <div data-bbox="1031 1335 1302 1447" style="border: 1px solid blue; width: 170px; height: 50px; margin-left: auto; margin-right: auto;"></div>	<div data-bbox="1390 1330 1469 1408" style="border: 1px solid black; width: 50px; height: 35px; margin: 0 auto;"></div> <p data-bbox="1385 1408 1474 1438" style="text-align: center;">1 mark</p>
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6	$6.5 + 1.6 =$  <div data-bbox="1031 1957 1302 2069" style="border: 1px solid blue; width: 170px; height: 50px; margin-left: auto; margin-right: auto;"></div>	<div data-bbox="1390 1953 1469 2031" style="border: 1px solid black; width: 50px; height: 35px; margin: 0 auto;"></div> <p data-bbox="1385 2031 1474 2060" style="text-align: center;">1 mark</p>
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7	$67 \times 2 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark
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8	$\frac{1}{5} \times 3 =$ 	<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.  $50 \times 800 = \mathbf{40,000}$  (M)

2.  $594 \times 7 = \mathbf{4,518}$  (W)

3.  $\frac{1}{8} \times 6,400 = \mathbf{800}$  (M)

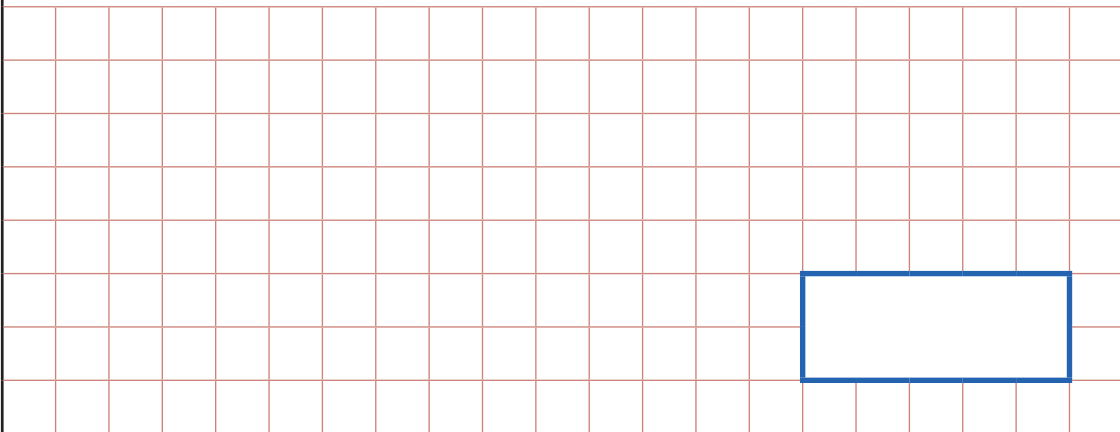
4.  $\frac{1}{4} + \frac{3}{8} = \frac{\mathbf{20}}{\mathbf{32}}$  (M)

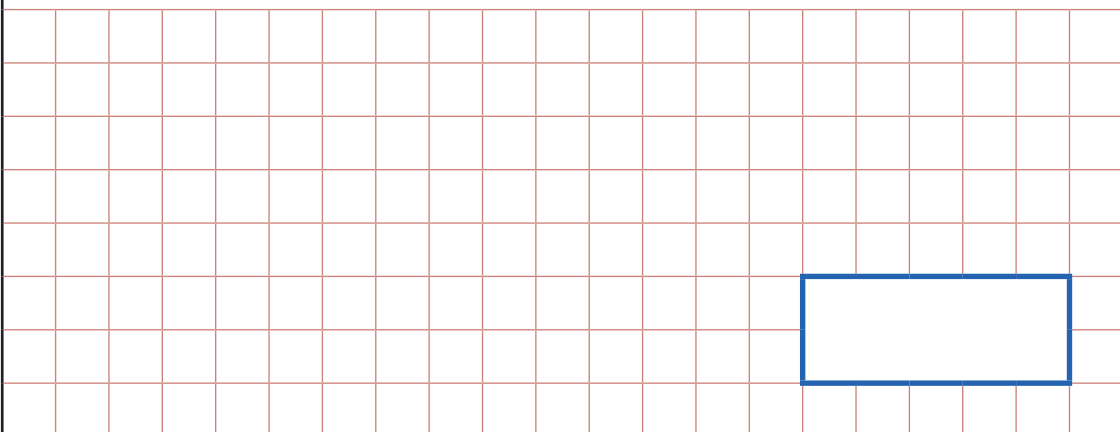
5.  $4,318,035 - 480,432 = \mathbf{3,837,603}$  (W)

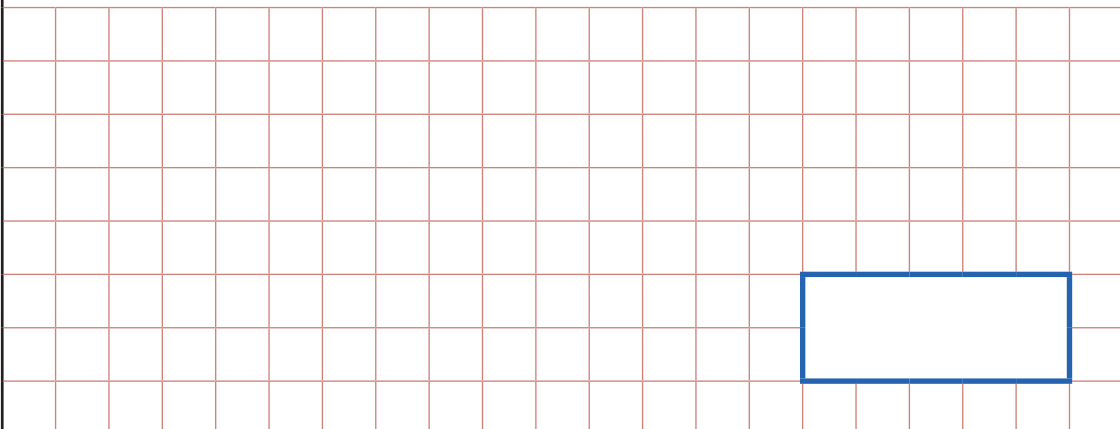
6.  $6.5 + 1.6 = \mathbf{8.1}$  (M)

7.  $67 \times 2 = \mathbf{134}$  (M)

8.  $\frac{1}{5} \times 3 = \frac{\mathbf{3}}{\mathbf{5}}$  (M)

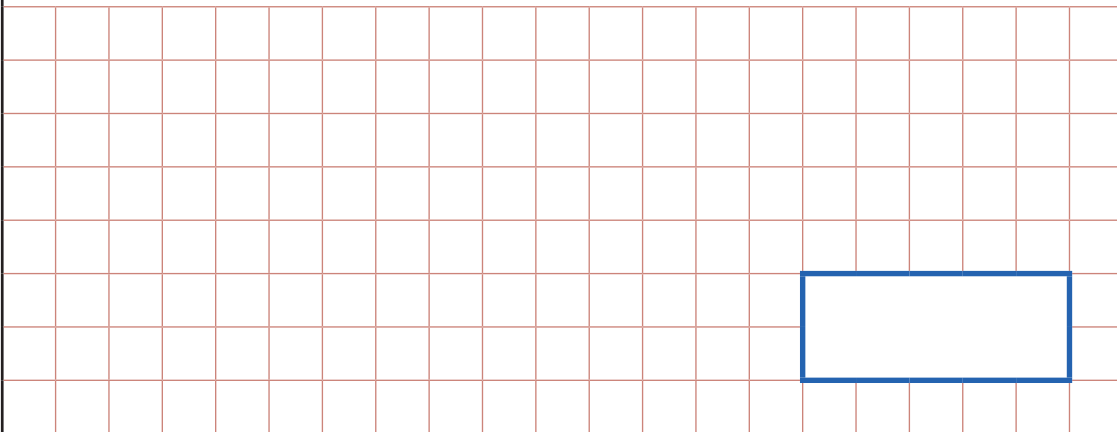
1	$60,000 + 3 + 2,000 + 100 + 9 + 90 =$ 	<input data-bbox="1385 705 1465 784" type="checkbox"/> 1 mark
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2	$9 + 94 + 6 =$ 	<input data-bbox="1385 1330 1465 1408" type="checkbox"/> 1 mark
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3	$800 \times 900 =$ 	<input data-bbox="1385 1951 1465 2029" type="checkbox"/> 1 mark
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4

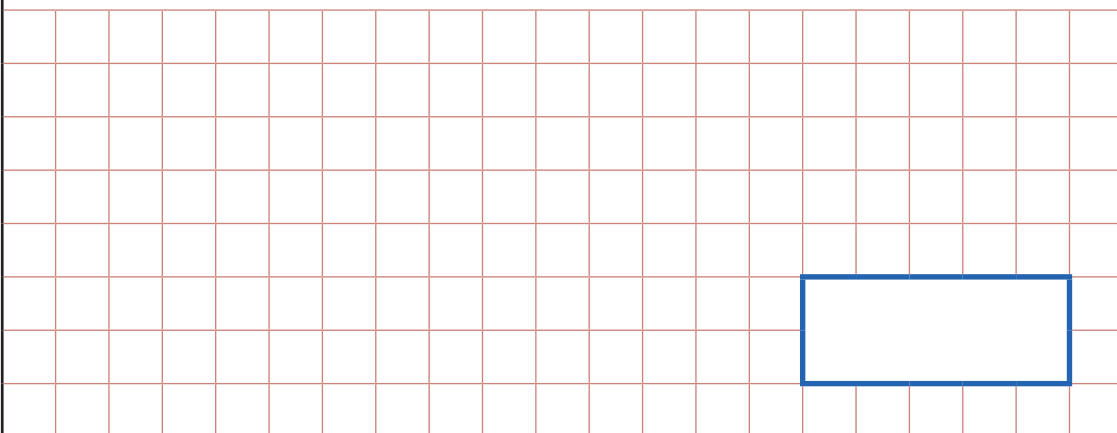
$$321 \times 6 =$$



1 mark

5

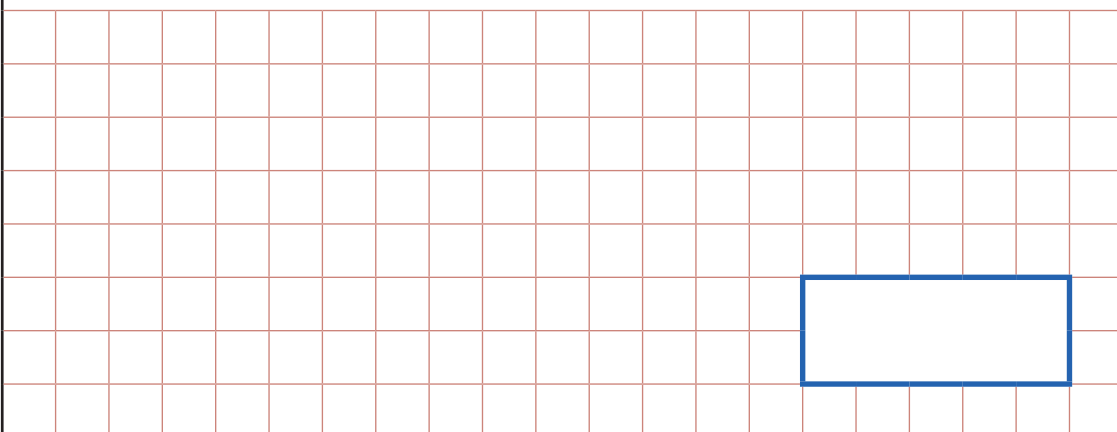
$$884,942 - 59,807 =$$



1 mark

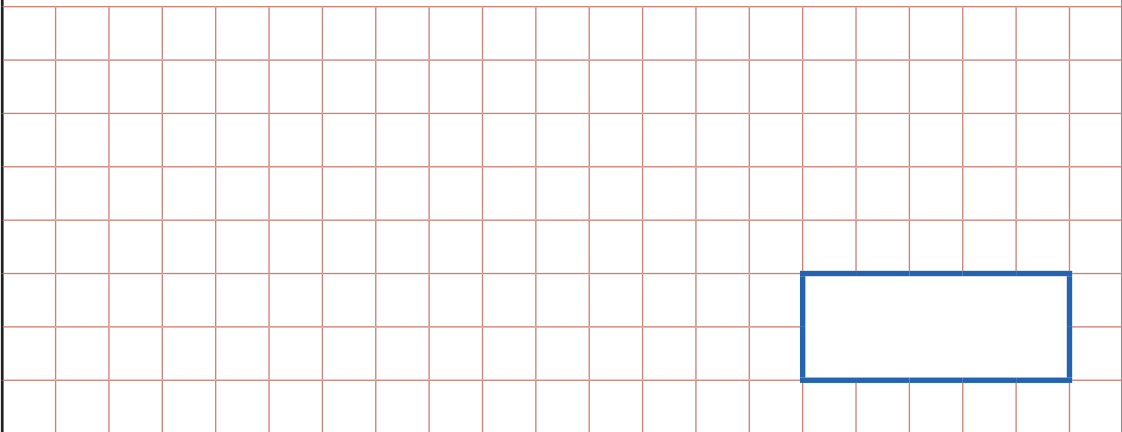
6

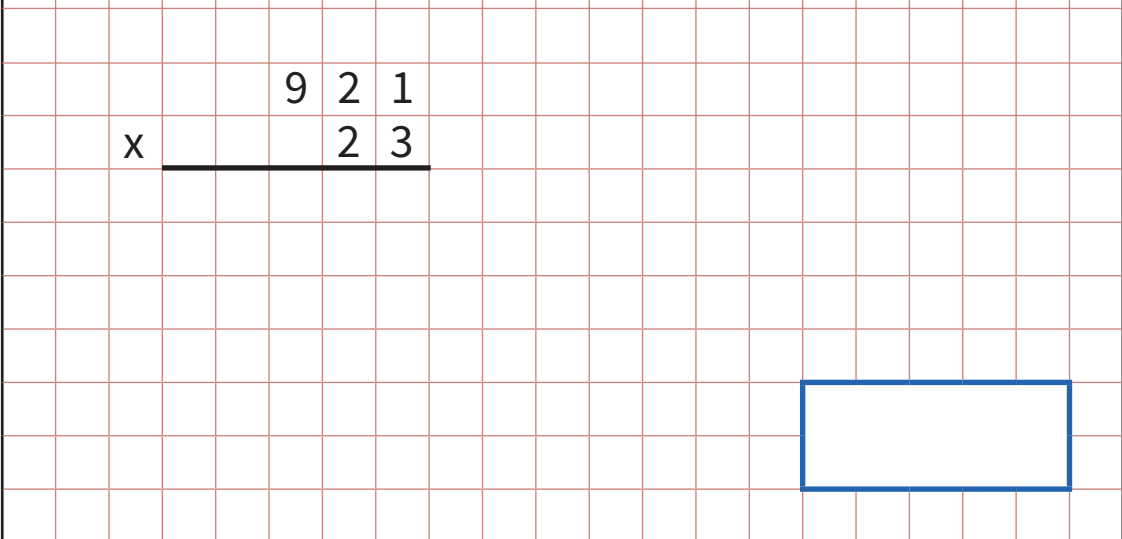
$$\frac{5}{6} \div 2 =$$



1 mark



7	$866 \div 4 =$ 	<input data-bbox="1390 712 1469 786" type="text"/> 1 mark
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8	$\begin{array}{r} 921 \\ \times 23 \\ \hline \end{array}$ 	<input data-bbox="1390 1335 1469 1408" type="text"/> 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.  $60,000 + 3 + 2,000 + 100 + 9 + 90 = \mathbf{62,202}$  (M)

2.  $9 + 94 + 6 = \mathbf{109}$  (M)

3.  $800 \times 900 = \mathbf{720,000}$  (M)

4.  $321 \times 6 = \mathbf{1,926}$  (W)

5.  $884,942 - 59,807 = \mathbf{825,135}$  (W)

6.  $\frac{5}{6} \div 2 = \frac{\mathbf{5}}{\mathbf{12}}$  (M)

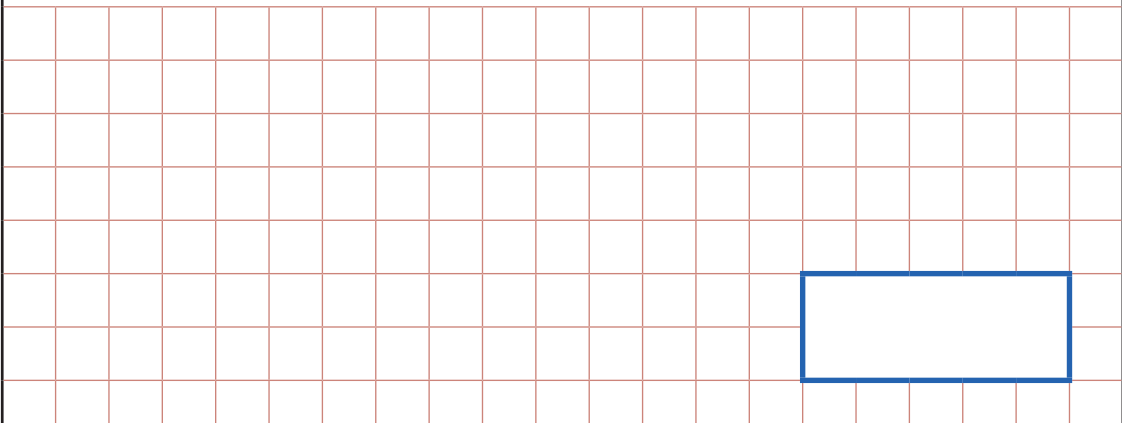
7.  $866 \div 4 = \mathbf{216.5}$  (M)

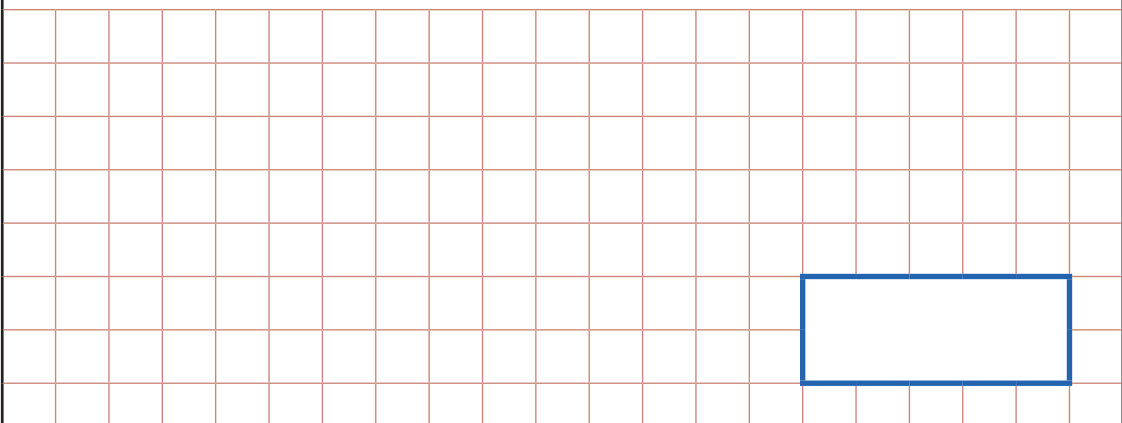
8.  $921 \times 23 = \mathbf{21,183}$  (W)

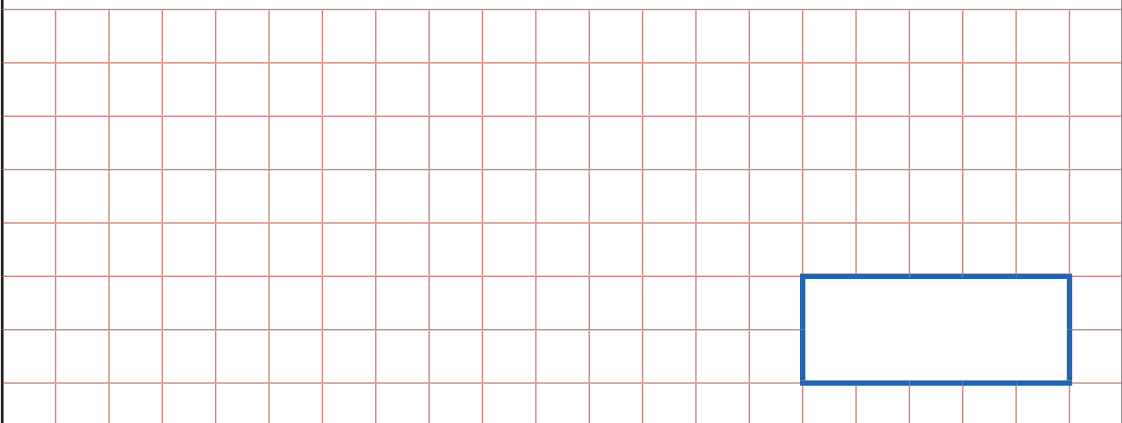
<b>1</b>	$85,000 + 3800 =$		<input type="text"/> 1 mark
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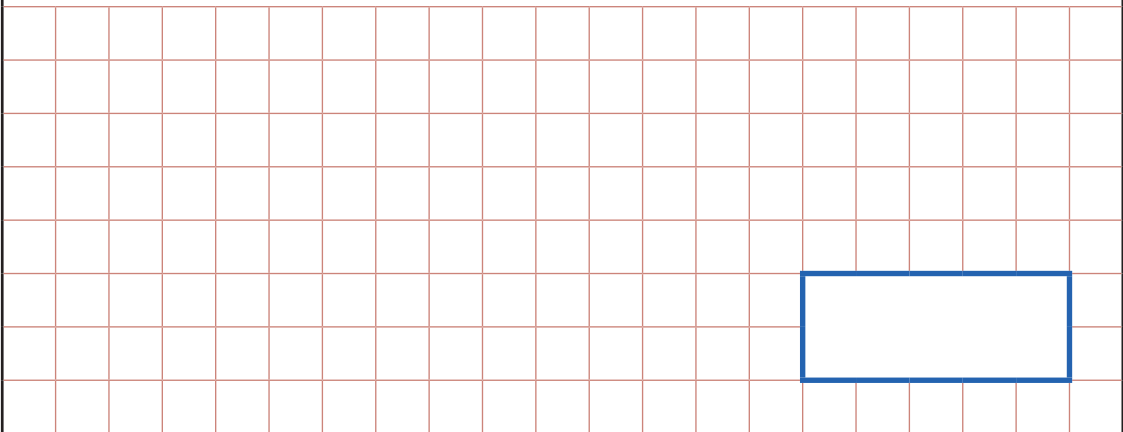
<b>2</b>	$\frac{3}{5}$ of 180 =		<input type="text"/> 1 mark
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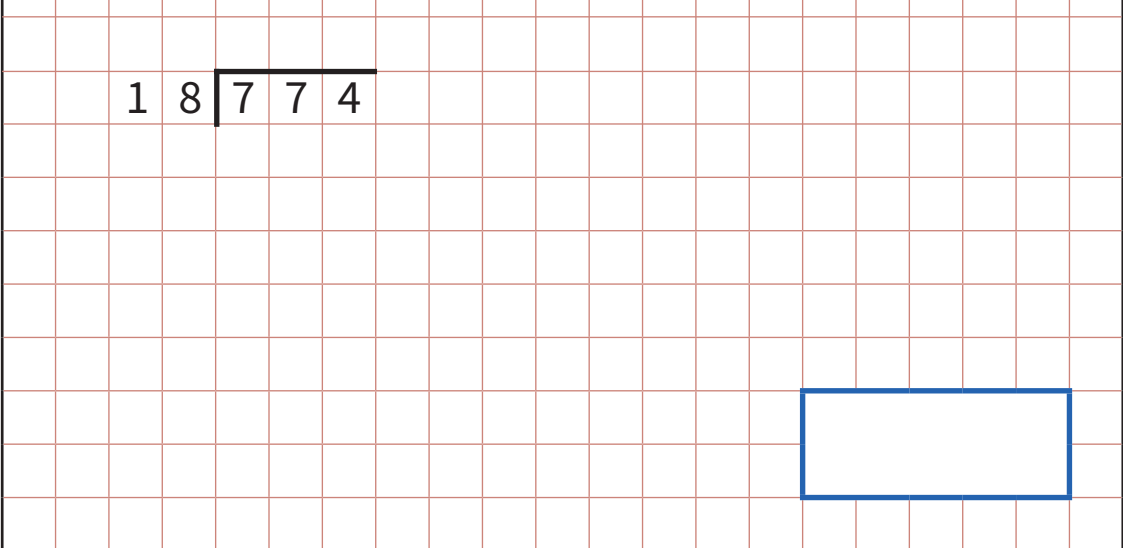
<b>3</b>	$\begin{array}{r} 638 \\ \times \quad 9 \\ \hline \end{array}$		<input type="text"/> 1 mark
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4	$4,001 \times 5 =$  <input data-bbox="1031 712 1302 824" type="text"/>	<input data-bbox="1386 707 1466 786" type="checkbox"/> 1 mark
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5	$988,483 - 98,948 =$  <input data-bbox="1031 1332 1302 1444" type="text"/>	<input data-bbox="1386 1328 1466 1406" type="checkbox"/> 1 mark
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6	$65.4 + 43.2 =$  <input data-bbox="1031 1955 1302 2067" type="text"/>	<input data-bbox="1386 1951 1466 2029" type="checkbox"/> 1 mark
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7	$6,863 \div 2 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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8	$18 \overline{) 774}$ 	<input data-bbox="1390 1330 1469 1408" 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.  $85,000 + 3,800 = \mathbf{88,900}$  (M)

2.  $\frac{3}{5}$  of 180 = **108** (M)

3.  $638 \times 9 = \mathbf{5,742}$  (W)

4.  $4,001 \times 5 = \mathbf{20,005}$  (M)

5.  $988,483 - 98,948 = \mathbf{889,535}$  (W)

6.  $65.4 + 43.2 = \mathbf{108.6}$  (M)

7.  $6,863 \div 2 = \mathbf{3,431.5}$  (M)

8.  $774 \div 18 = \mathbf{43}$  (W)