

# Fluent in Five

Daily Arithmetic Practice  
Week 13

Year 6

## Year 6 - Week 13

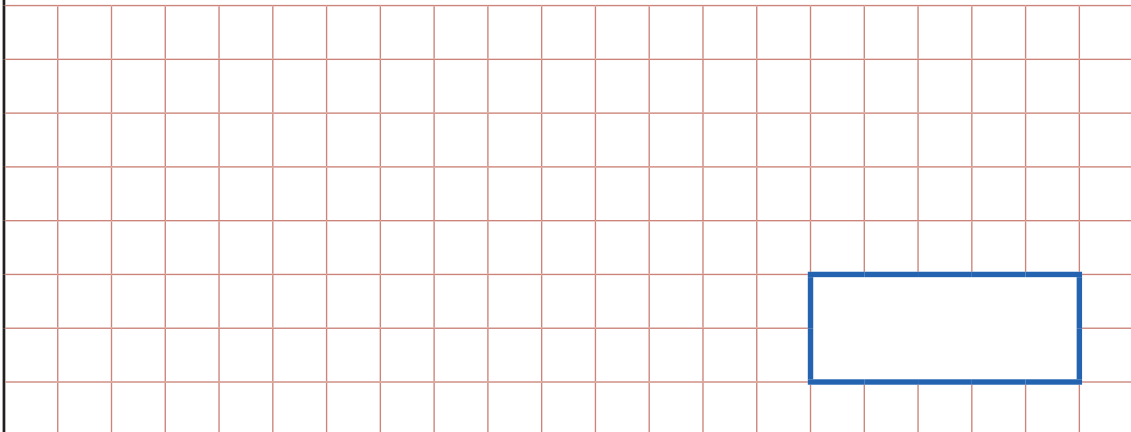
Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

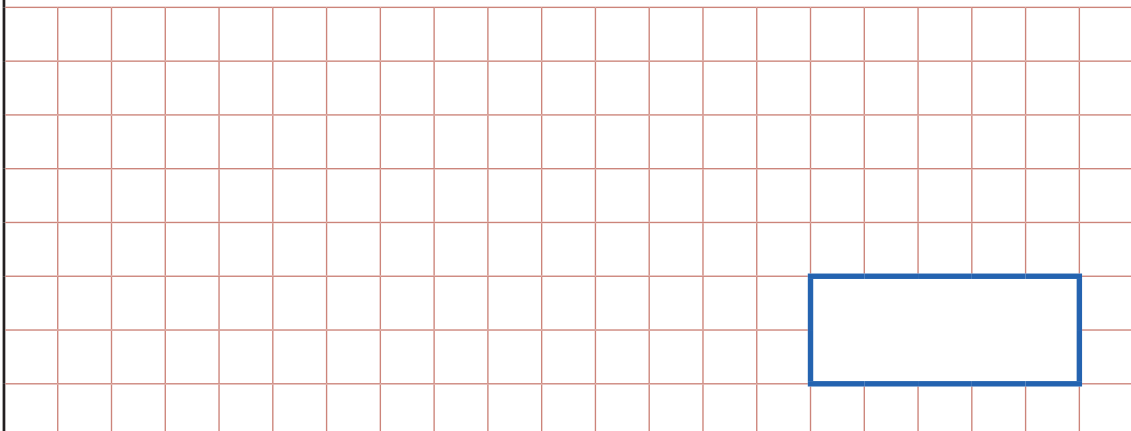
### This week in a nutshell

This week, Year 6 continue to receive 6 questions per day, with 2 of these being questions which may require a formal written method to solve. There are also some 2 mark questions, for long multiplication and division, throughout the week.

- Mental multiplication this week focuses on multiplying and dividing numbers (including decimals) by 10, 100 and 1000.
- Mental addition and subtraction questions focus on adding and subtracting near multiples of 10, 100 and 1000.
- Pupils will need to use a range of written methods which involve all four operations.

Name.....  
Date..... School.....  
Class..... Score.....

1	$25\% \text{ of } 180\text{cm} =$ 	<input data-bbox="1404 734 1485 815" type="checkbox"/> 1 mark
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2	$34.20 - 12.14 =$ 	<input data-bbox="1404 1359 1485 1439" type="checkbox"/> 1 mark
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3	$399 + 298 =$ 	<input data-bbox="1404 1983 1485 2064" 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. 25% of 180cm = **45cm** (M)

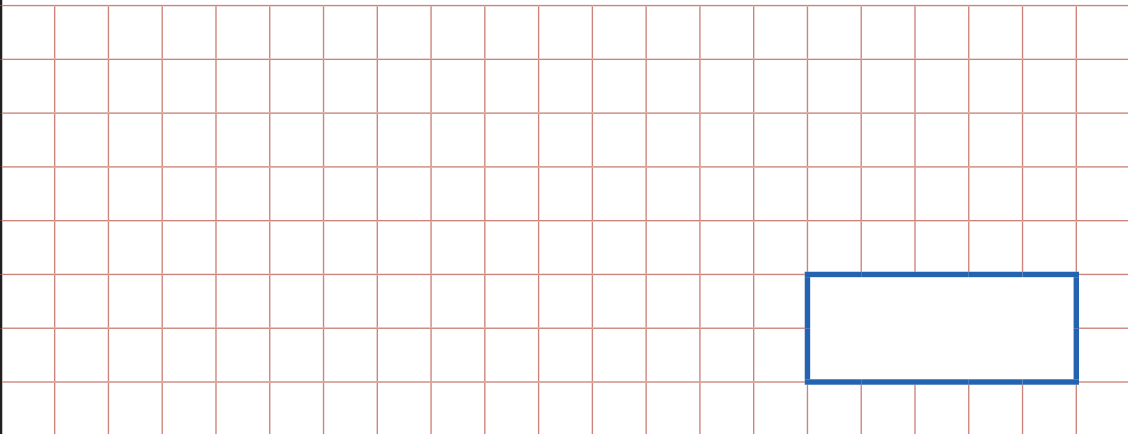
2.  $34.20 - 12.14 = \mathbf{22.06}$  (W)

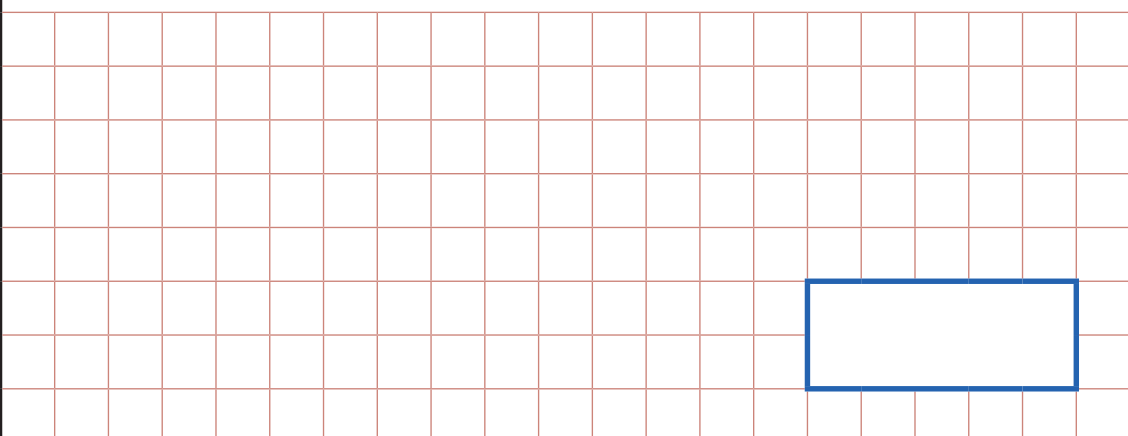
3.  $399 + 298 = \mathbf{697}$  (M)

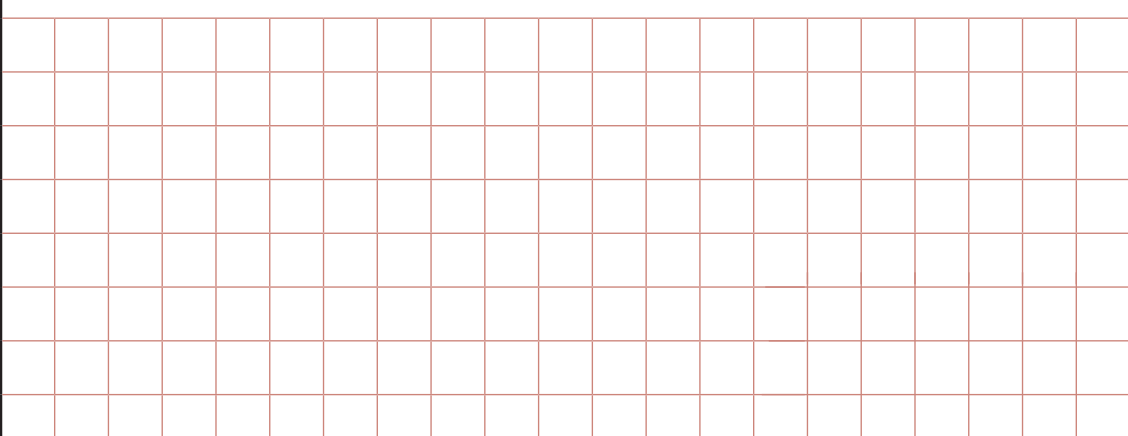
4.  $2577 \div 3 = \mathbf{859}$  (W)

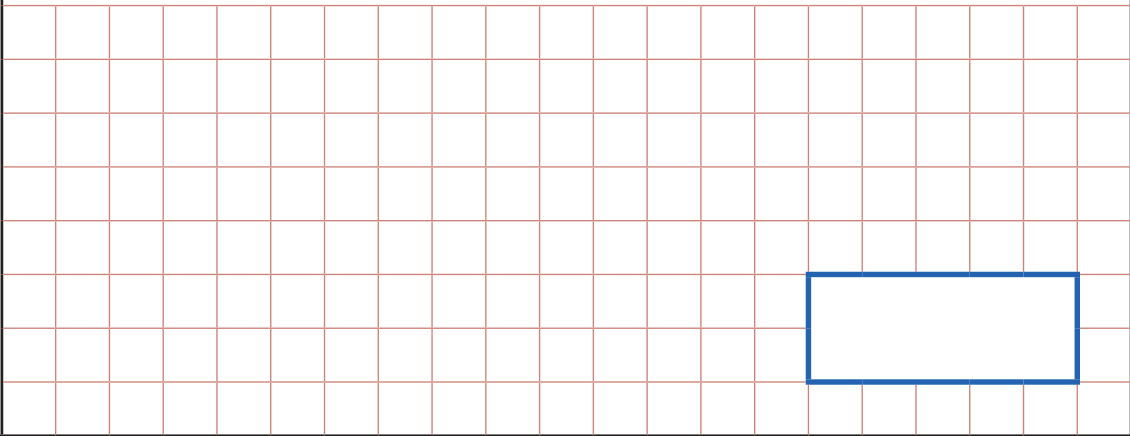
5.  $90 \times 70 = \mathbf{6300}$  (M)

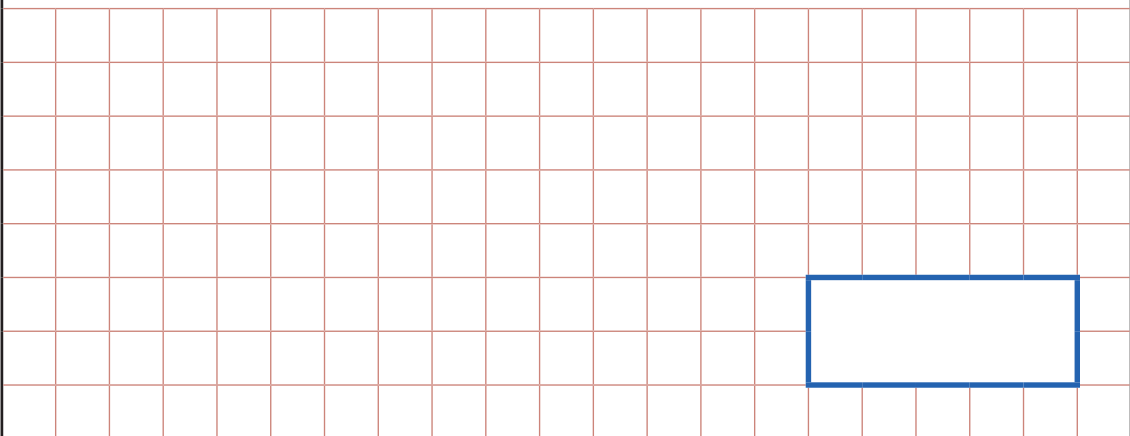
6.  $401 + 103 = \mathbf{504}$  (M)

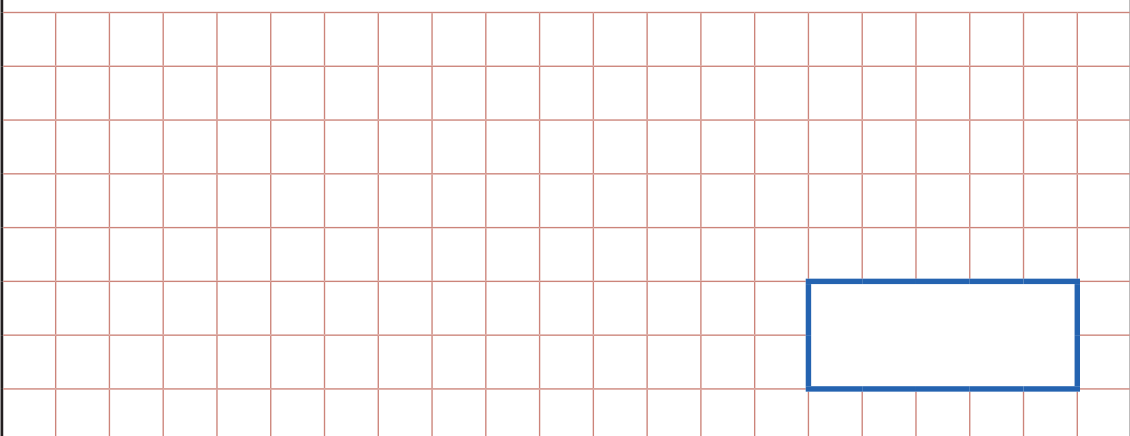
<b>1</b>	$4.158 + 3.099 =$   <div style="border: 1px solid blue; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark
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<b>2</b>	$76,424 + 69,008 =$   <div style="border: 1px solid blue; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark
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<b>3</b>	$88 \div$ <div style="border: 1px solid blue; width: 150px; height: 30px; display: inline-block;"></div> $= 11$  	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark
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4	$53 - 29 =$ 	<input data-bbox="1404 737 1485 817" type="checkbox"/> 1 mark
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5	$840 \div 40 =$ 	<input data-bbox="1404 1356 1485 1437" type="checkbox"/> 1 mark
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6	$5 \times 2 \times 6 =$ 	<input data-bbox="1404 1976 1485 2057" 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.  $4.158 + 3.099 = \mathbf{7.257}$  (W)

2.  $76,424 + 69,008 = \mathbf{145,432}$  (W)

3.  $88 \div \mathbf{8} = 11$  (M)

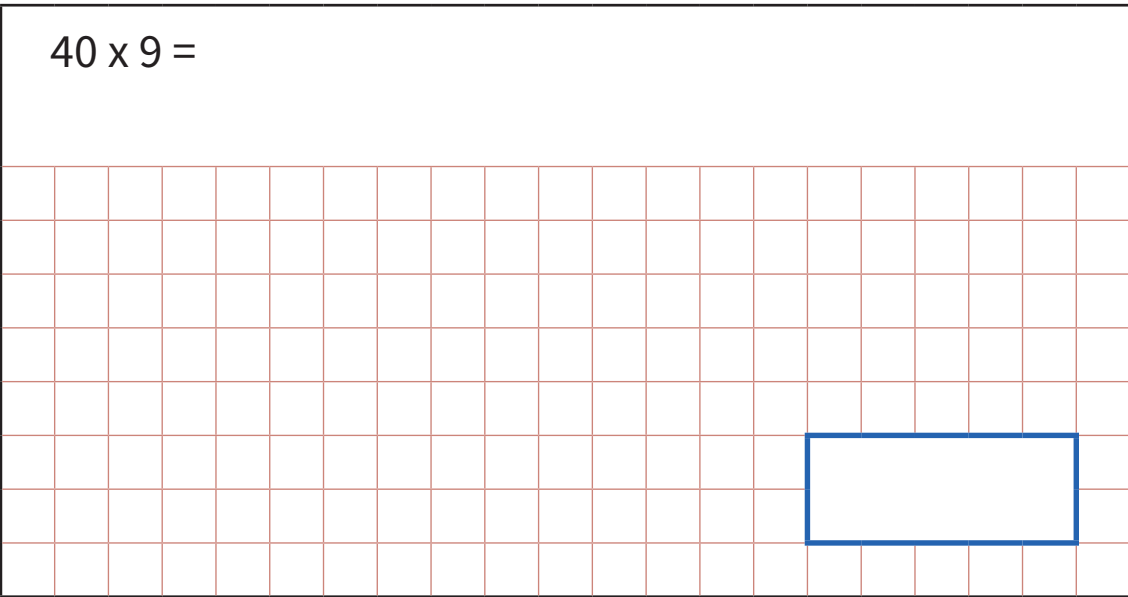
4.  $53 - 29 = \mathbf{24}$  (M)

5.  $840 \div 40 = \mathbf{21}$  (M)

6.  $5 \times 2 \times 6 = \mathbf{60}$  (M)

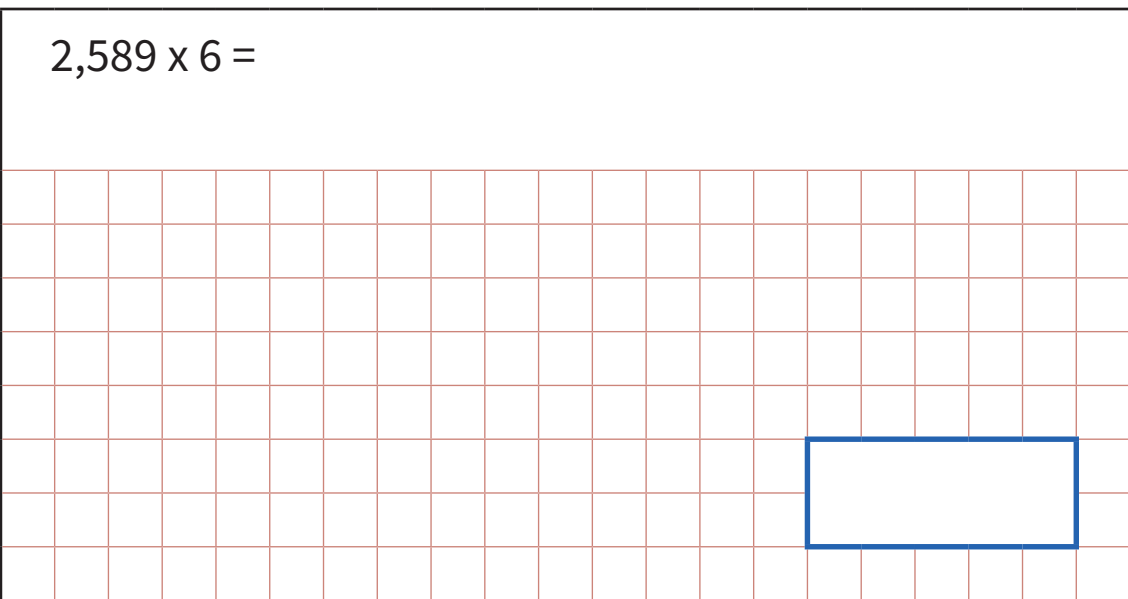


1       $40 \times 9 =$



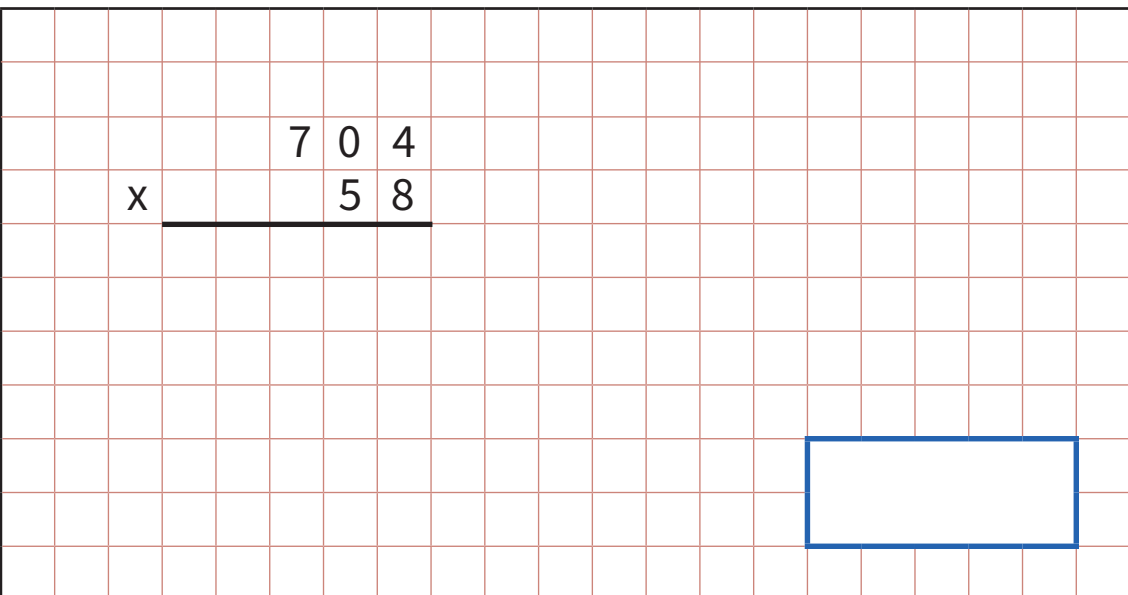
1 mark

2       $2,589 \times 6 =$





1 mark


3

$$\begin{array}{r} 704 \\ \times 58 \\ \hline \end{array}$$


2 marks

4	$8,000 - 800 =$ 	<input data-bbox="1409 741 1484 821" type="text"/> 1 mark
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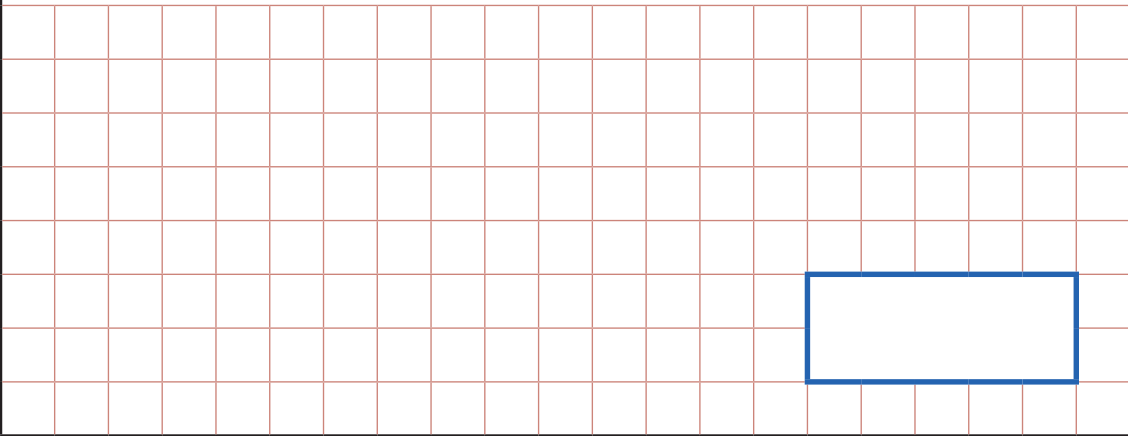
5	$5^3 =$ 	<input data-bbox="1409 1363 1484 1444" type="text"/> 1 mark
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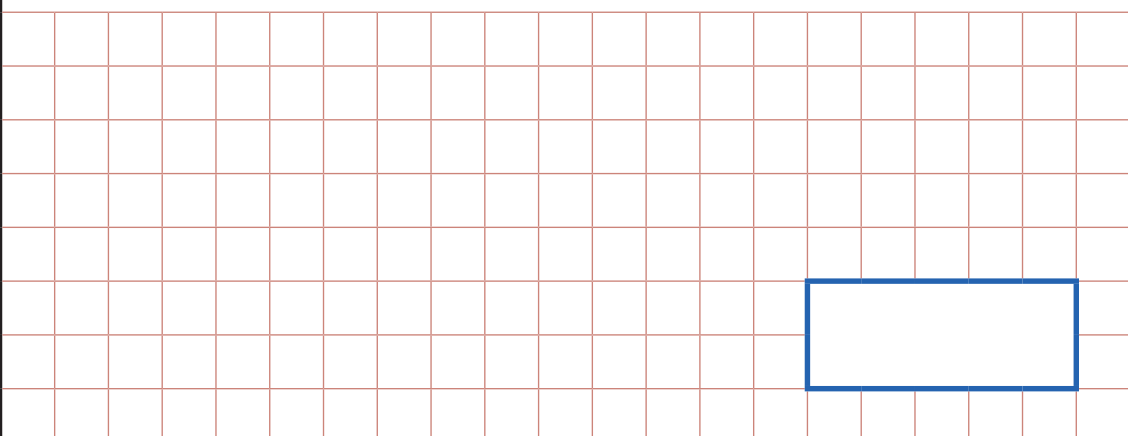
6	$(55 \div 5) + 3 =$ 	<input data-bbox="1409 1988 1484 2068" type="text"/> 1 mark
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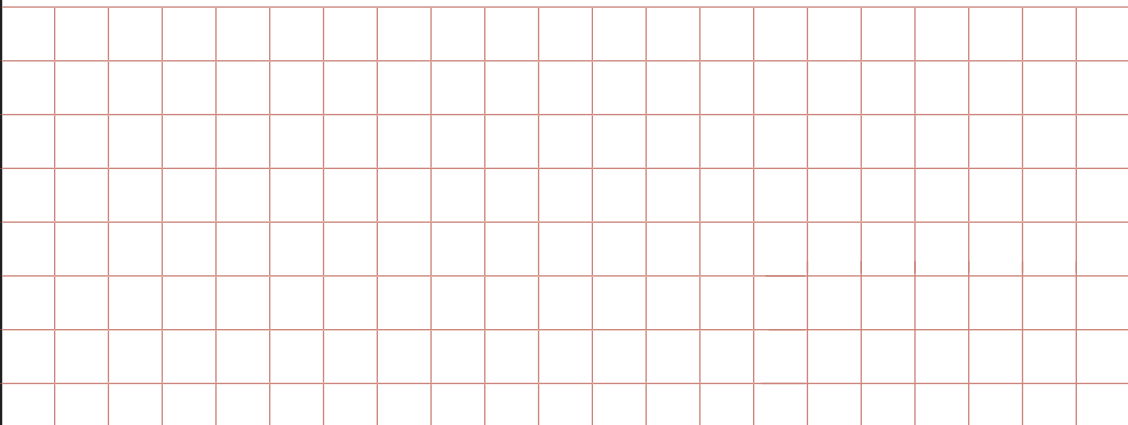
## Answer Sheet

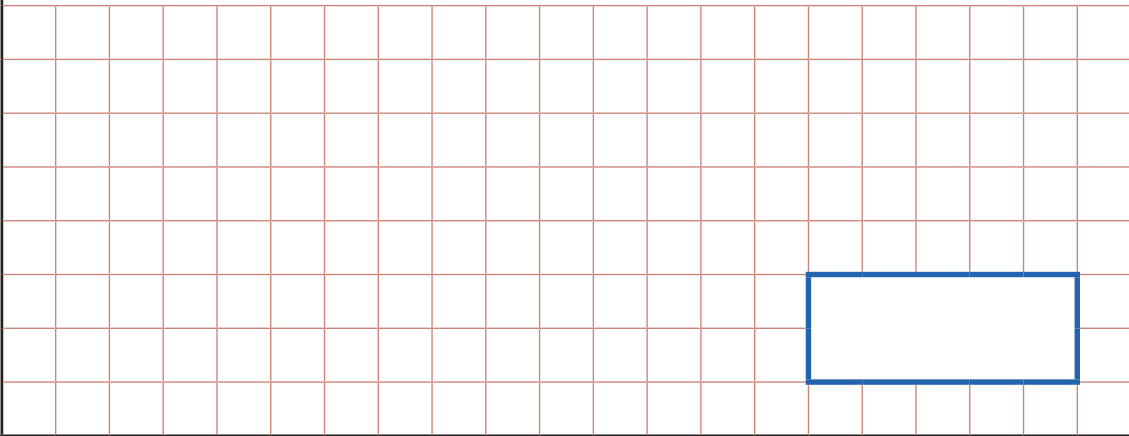
Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

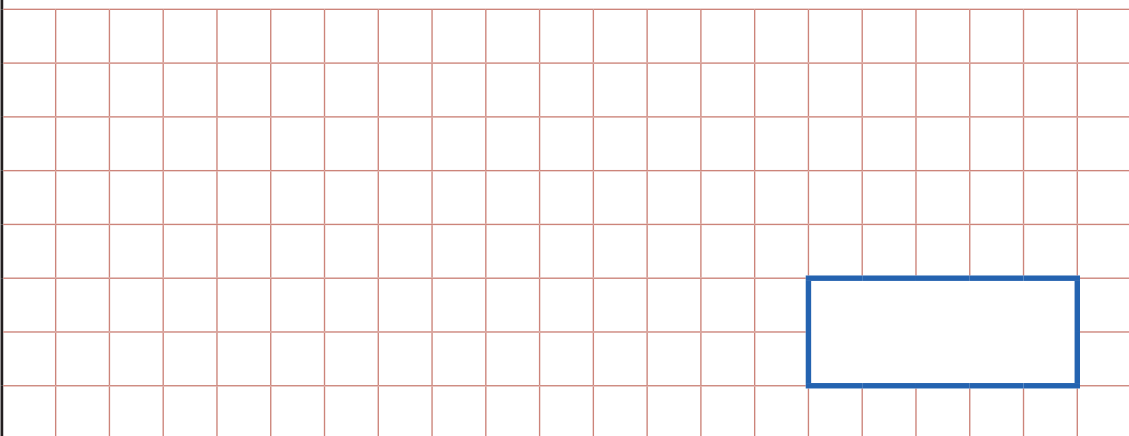
1.  $40 \times 9 = \mathbf{360}$  (M)
2.  $2,589 \times 6 = \mathbf{15,534}$  (W)
3.  $704 \times 58 = \mathbf{40,832}$  (W)
4.  $8,000 - 800 = \mathbf{7,200}$  (M)
5.  $5^3 = \mathbf{125}$  (M)
6.  $(55 \div 5) + 3 = \mathbf{14}$  (M)

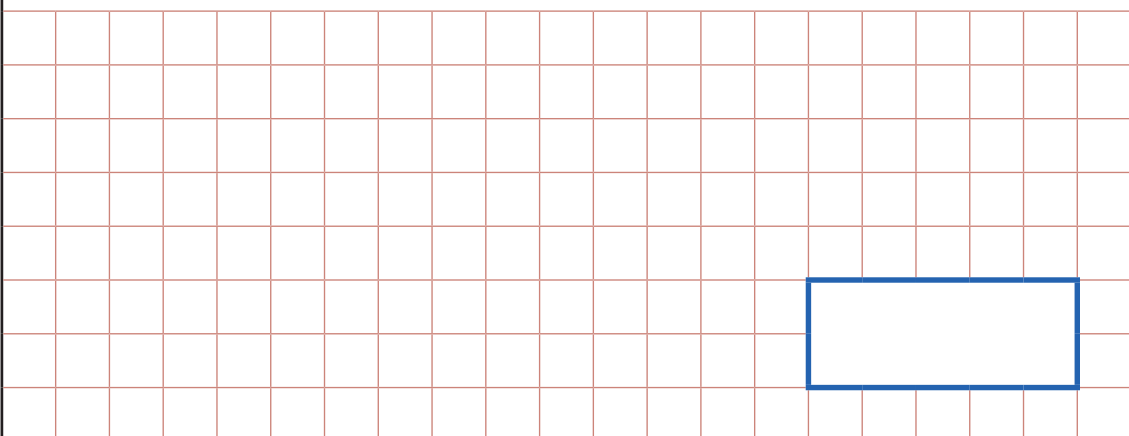
<b>1</b>	$\frac{2}{4} \times \frac{2}{4} =$  <div style="border: 1px solid blue; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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<b>2</b>	$35,776 + 19,520 =$  <div style="border: 1px solid blue; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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<b>3</b>	<div style="border: 1px solid blue; width: 100px; height: 30px; display: inline-block; margin-right: 10px;"></div> $^3 = 8$ 	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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4	$866 + 7 =$ 	<input data-bbox="1404 734 1485 815" type="checkbox"/> 1 mark
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5	$472 \times 5$ 	<input data-bbox="1404 1366 1485 1446" type="checkbox"/> 1 mark
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6	$572 \div 100 =$ 	<input data-bbox="1404 1986 1485 2066" 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.  $\frac{2}{4} \times \frac{2}{4} = \frac{4}{16}$  or  $\frac{1}{4}$  (M)

2.  $35,776 + 19,520 = 55,296$  (W)

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

4.  $866 + 7 = 873$  (M)


5.  $472 \times 5 = 2,360$  (W)


6.  $572 \div 100 = 5.72$  (M)

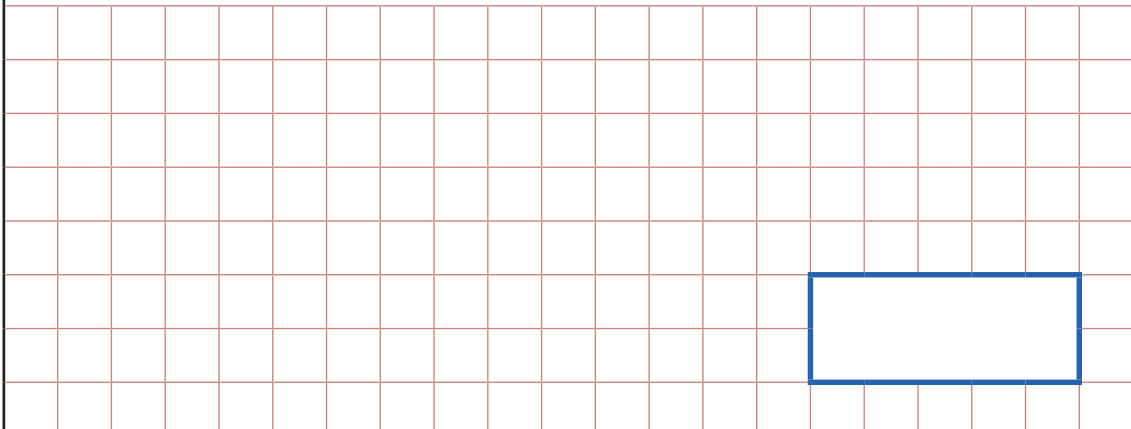
<b>1</b>	<div style="border: 2px solid blue; display: inline-block; width: 150px; height: 40px; margin-bottom: 10px;"></div> $\div 45 = 87$	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>2 marks</p>
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<b>2</b>	$7^2 =$	<div style="border: 2px solid blue; display: inline-block; width: 150px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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<b>3</b>	$48 + 37 =$	<div style="border: 2px solid blue; display: inline-block; width: 150px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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4	$53.94 + 29.87 =$ 	<input data-bbox="1404 734 1485 815" type="text"/> 1 mark
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5	$81 - 57 =$ 	<input data-bbox="1404 1366 1485 1446" type="text"/> 1 mark
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6	$30 \times 70 =$ 	<input data-bbox="1404 1992 1485 2073" type="text"/> 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. **3,915**  $\div$  45 = 87 (W)
2.  $7^2$  = **49** (M)
3. 48 + 37 = **85** (M)
4. 53.94 + 29.87 = **83.81** (W)
5. 81 - 57 = **24** (M)
6. 30 x 70 = **2,100** (M)