

Fluent in Five

Daily Arithmetic Practice
Week 7

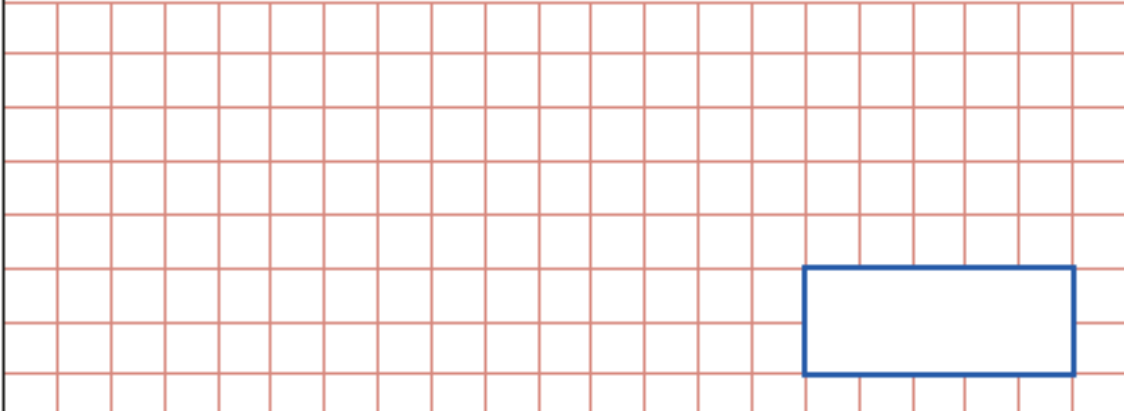
Year 5


Year 5 - Week 7

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 of two multiples of 10 or 100 is introduced for the first time (e.g. 50×20).
- Questions continue to focus on finding fractions of amount and pupils are introduced to the 'fraction x number =' notation for the first time (e.g. $\frac{1}{5} \times 15 = 3$).
- Written methods continue to focus on short multiplication, together with the addition and subtraction of whole numbers with 5 or more digits.

1	$2.43 \times 10 =$  <input data-bbox="1029 712 1305 824" type="text"/>	<input data-bbox="1385 712 1465 790" type="checkbox"/> 1 mark
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2	$60 \times 70 =$  <input data-bbox="1029 1332 1305 1444" type="text"/>	<input data-bbox="1385 1332 1465 1411" type="checkbox"/> 1 mark
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3	$\frac{3}{7}$ of 28 =  <input data-bbox="1029 1957 1305 2069" type="text"/>	<input data-bbox="1385 1957 1465 2036" type="checkbox"/> 1 mark
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4	$343 \times 7 =$ 	<input data-bbox="1390 703 1465 779" type="checkbox"/> 1 mark
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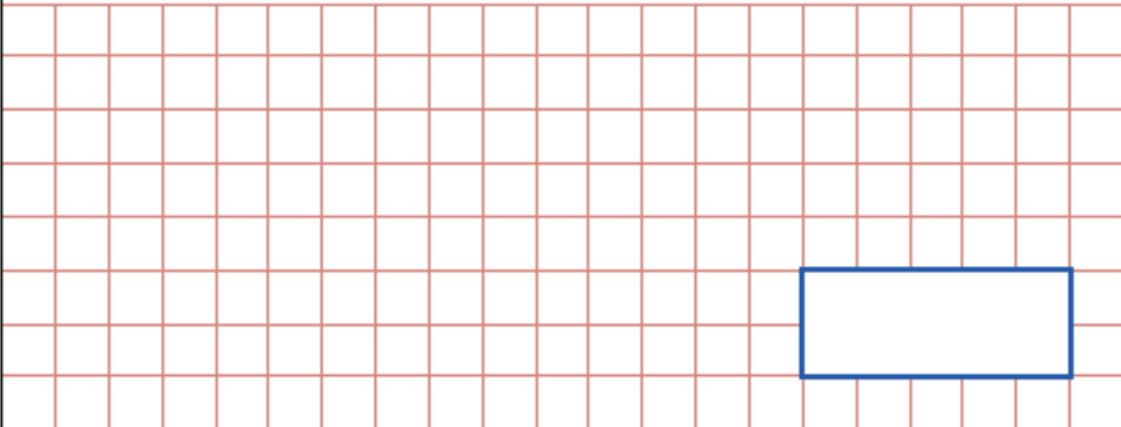
5	$11,664 + 23,349 =$ 	<input data-bbox="1390 1328 1465 1404" type="checkbox"/> 1 mark
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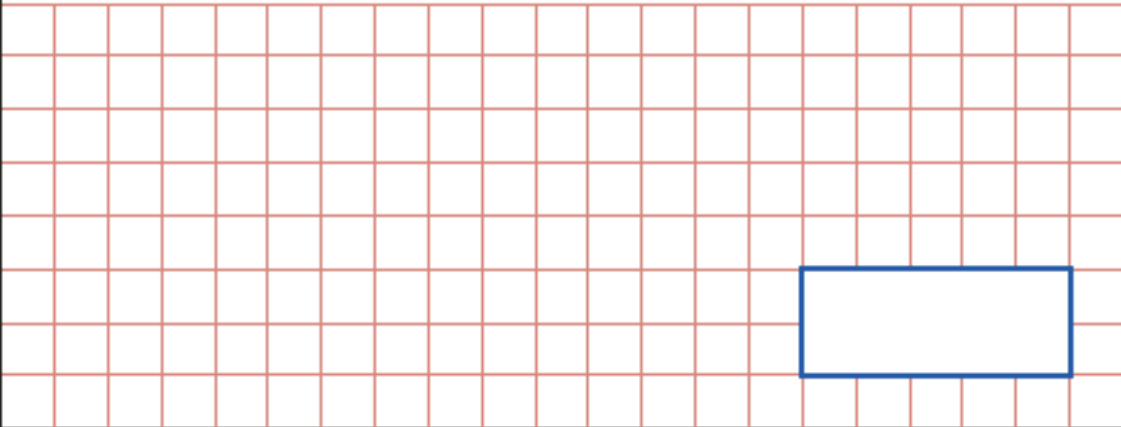
Answer Sheet

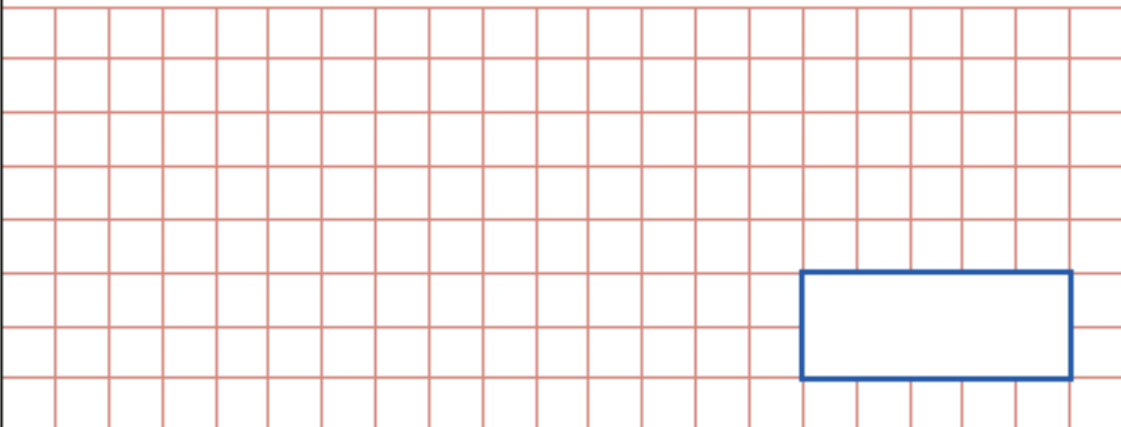
Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $2.43 \times 10 = \mathbf{24.3}$ (M)
2. $60 \times 70 = \mathbf{4,200}$ (M)
3. $\frac{3}{7}$ of 28 = **12** (M)
4. $343 \times 7 = \mathbf{2,401}$ (W)
5. $11,664 + 23,349 = \mathbf{35,013}$ (W)

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

1	$3,763 \div 3 =$	
		<input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/>
		<input style="width: 30px; height: 30px;" type="checkbox"/> 1 mark

2	$30 \times 60 =$	
		<input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/>
		<input style="width: 30px; height: 30px;" type="checkbox"/> 1 mark

3	$\frac{1}{3} + \frac{1}{3} =$	
		<input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/>
		<input style="width: 30px; height: 30px;" type="checkbox"/> 1 mark

4

$$\frac{7}{12} \times 144 =$$

A grid of 12 columns and 10 rows. A blue rectangular box is drawn on the grid, spanning 4 columns and 2 rows, intended for the student to write the answer to the problem.

1 mark

5

$$17,953 - 11,695 =$$

A grid of 12 columns and 10 rows. A blue rectangular box is drawn on the grid, spanning 4 columns and 2 rows, intended for the student to write the answer to the problem.

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.

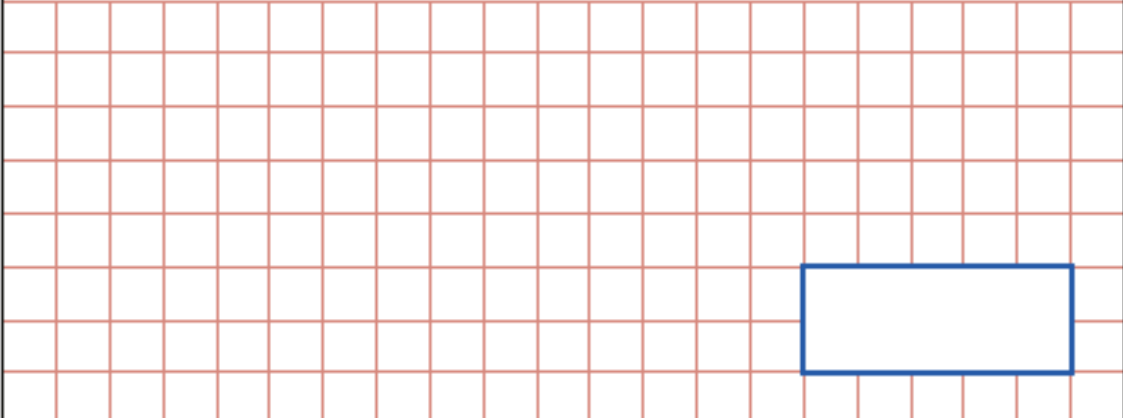
1. $3,763 \div 3 = \mathbf{1254 \text{ r } 1}$ or $\mathbf{1254.33}$ or $\mathbf{1254 \frac{1}{3}}$ (W)


2. $30 \times 60 = \mathbf{1,800}$ (M)


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

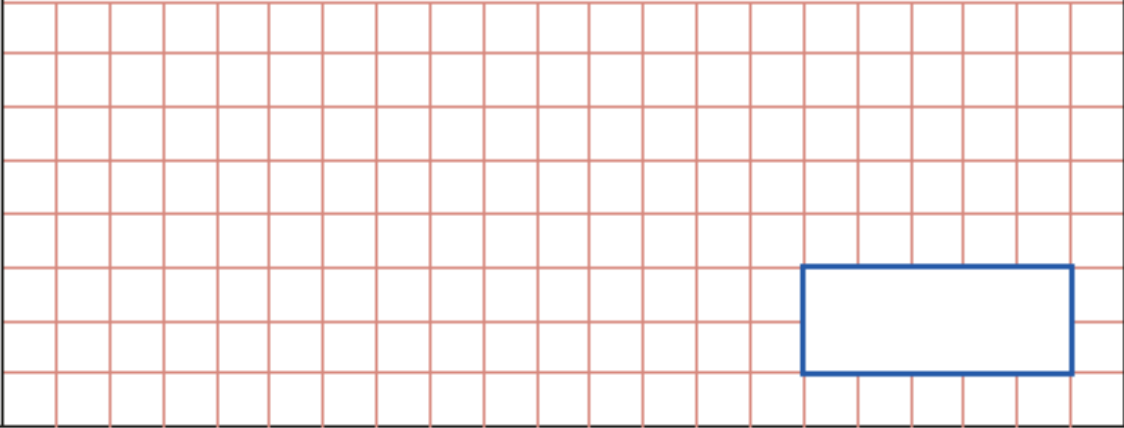
4. $\frac{7}{12} \times 144 = \mathbf{84}$ (M)

5. $17,953 - 11,695 = \mathbf{6,258}$ (W)

1	$40 \times 70 =$ 	<input data-bbox="1390 719 1466 797" type="checkbox"/> 1 mark
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2	$431 \times 7 =$ 	<input data-bbox="1390 1341 1466 1420" type="checkbox"/> 1 mark
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3	$\frac{1}{7} \times 140 =$ 	<input data-bbox="1390 1964 1466 2042" type="checkbox"/> 1 mark
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4	$\frac{2}{6} + \frac{3}{6} =$  <div data-bbox="1029 705 1305 817" style="border: 1px solid blue; width: 173px; height: 50px; margin-left: auto; margin-right: auto;"></div>	<div data-bbox="1391 703 1469 779" style="border: 1px solid black; width: 49px; height: 34px; margin: 0 auto;"></div> <p>1 mark</p>
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5	$18,035 + \div data-bbox="288 410 461 460" style="border: 1px solid blue; width: 173px; height: 50px; margin-left: 10px;">$
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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.

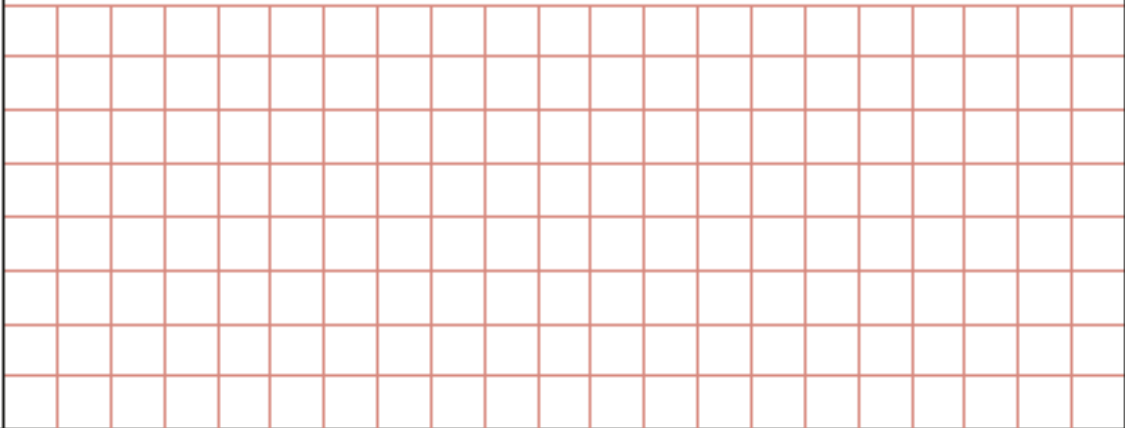
1. $40 \times 70 = \mathbf{2,800}$ (M)

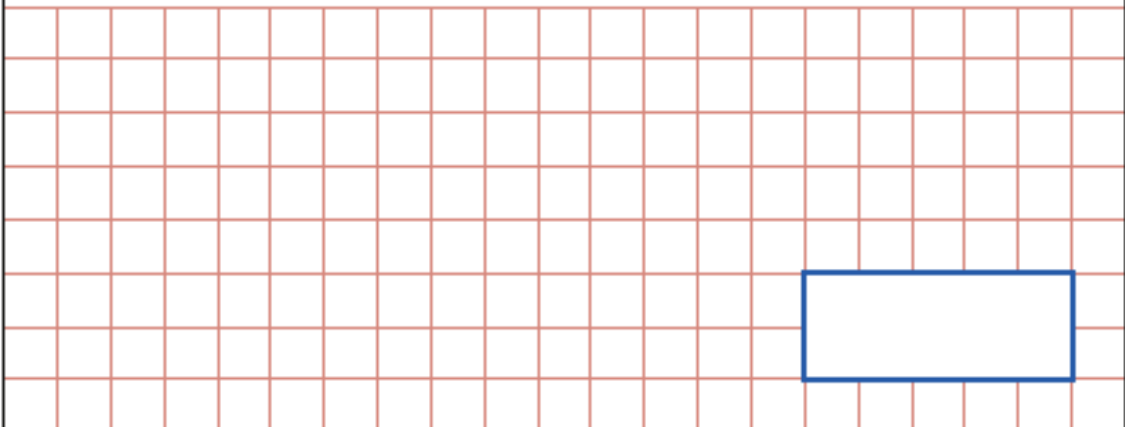
2. $431 \times 7 = \mathbf{3,017}$ (W)

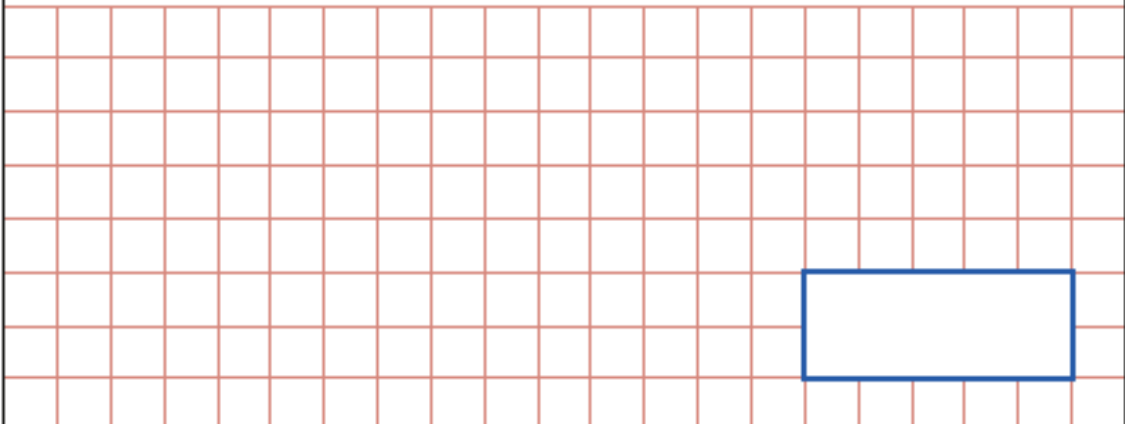
3. $\frac{1}{7} \times 140 = \mathbf{20}$ (M)

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

5. $18,035 + \mathbf{112,404} = 130,439$ (W)

1	$700 + \boxed{} = 2,000$ 	<input data-bbox="1390 696 1469 779" type="checkbox"/> 1 mark
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2	$3 + 5 + 3 =$ 	<input data-bbox="1390 1323 1469 1406" type="checkbox"/> 1 mark
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3	$300 \times 300 =$ 	<input data-bbox="1390 1944 1469 2027" type="checkbox"/> 1 mark
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4

$$9,321 \times 6 =$$

1 mark

5

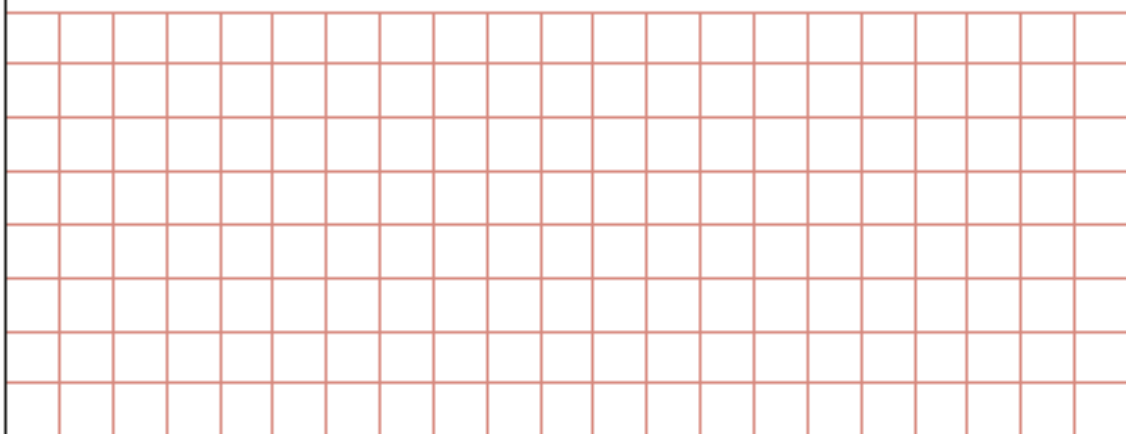
$$89,932 - 54,837 =$$

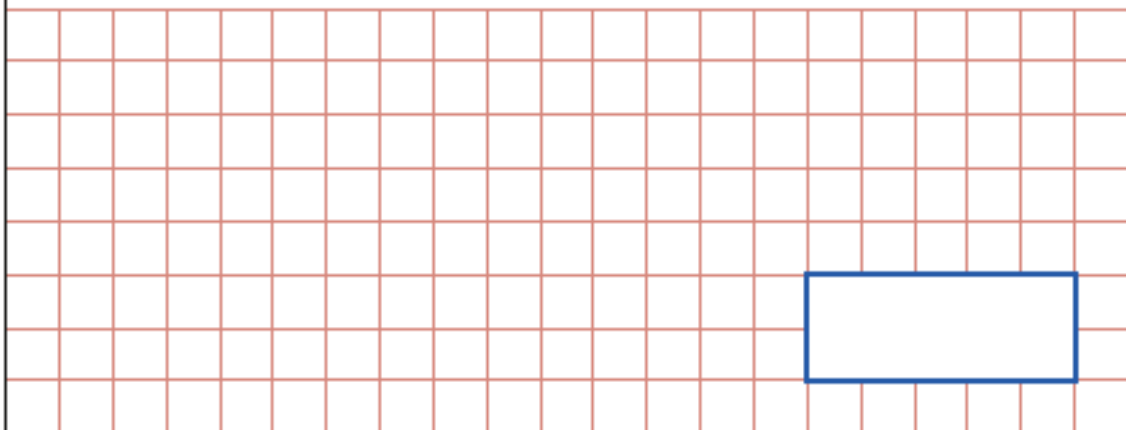
1 mark


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. $700 + \mathbf{1,300} = 2,000$ (M)
2. $3 + 5 + 3 = \mathbf{11}$ (M)
3. $300 \times 300 = \mathbf{90,000}$ (M)
4. $9,321 \times 6 = \mathbf{55,926}$ (W)
5. $89,932 - 54,837 = \mathbf{35,095}$ (W)

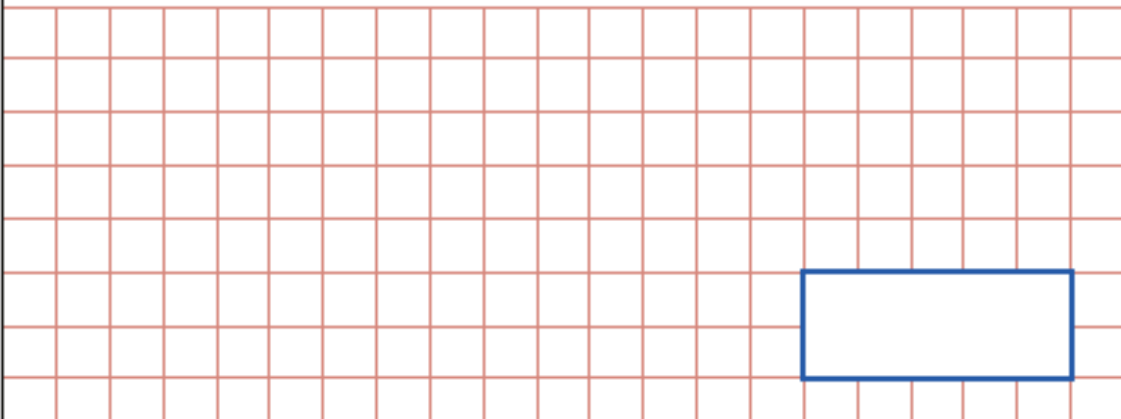

1	$700 + 200 =$ 	<input data-bbox="1369 719 1449 797" type="checkbox"/> 1 mark
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2	$\frac{4}{5}$ of 600 = 	<input data-bbox="1369 1341 1449 1420" type="checkbox"/> 1 mark
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3	$638 \times 5 =$ 	<input data-bbox="1369 1962 1449 2040" type="checkbox"/> 1 mark
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Fluent in Five - Year 5
Week 7 - Day 5

4	$500 \times 600 =$ 	 1 mark
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5	$88,483 - 79,948 =$ 	 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. $700 + 200 = \mathbf{900}$ (M)

2. $\frac{4}{5}$ of 600 = **480** (M)

3. $638 \times 5 = \mathbf{3,190}$ (W)

4. $500 \times 600 = \mathbf{300,000}$ (M)

5. $88,483 - 79,948 = \mathbf{8,535}$ (W)