

Fluent in Five

Daily Arithmetic Practice
Week 25

Year 5

Year 5 - Week 25

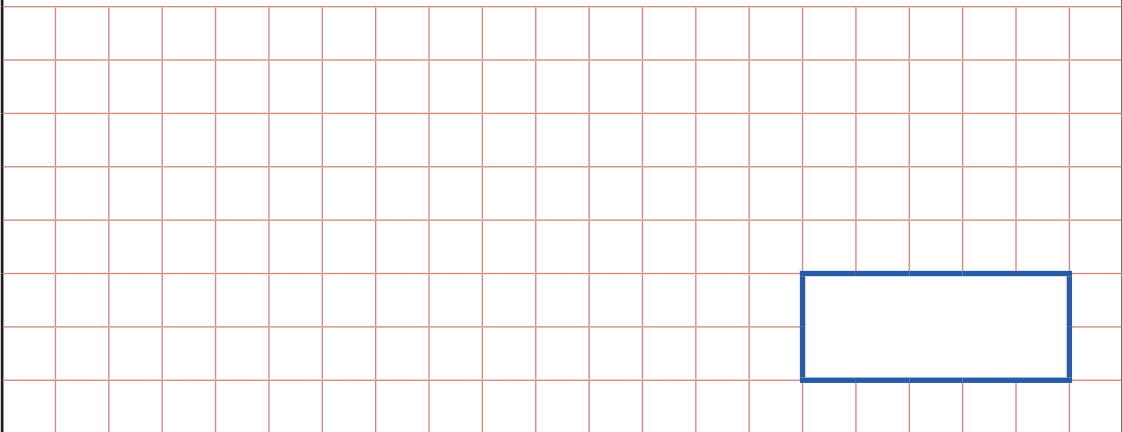
Please note, we recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

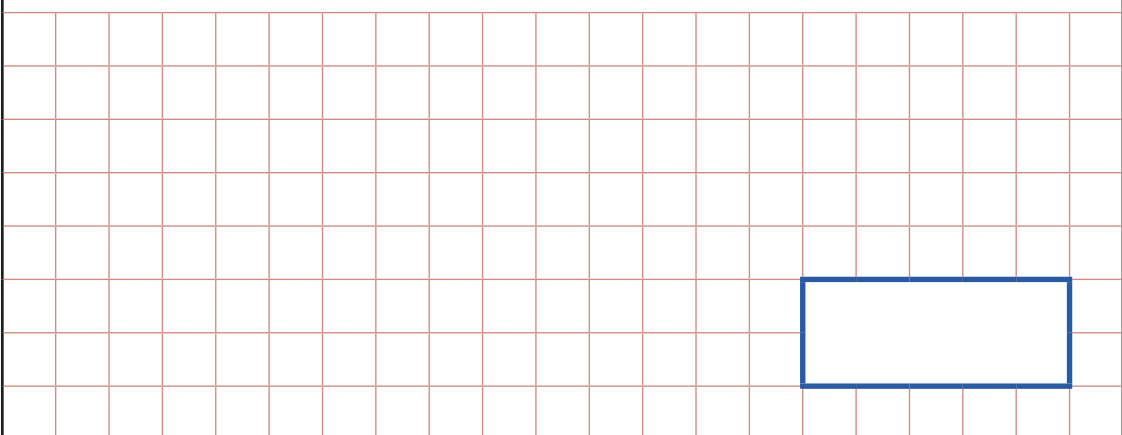
This week in a nutshell

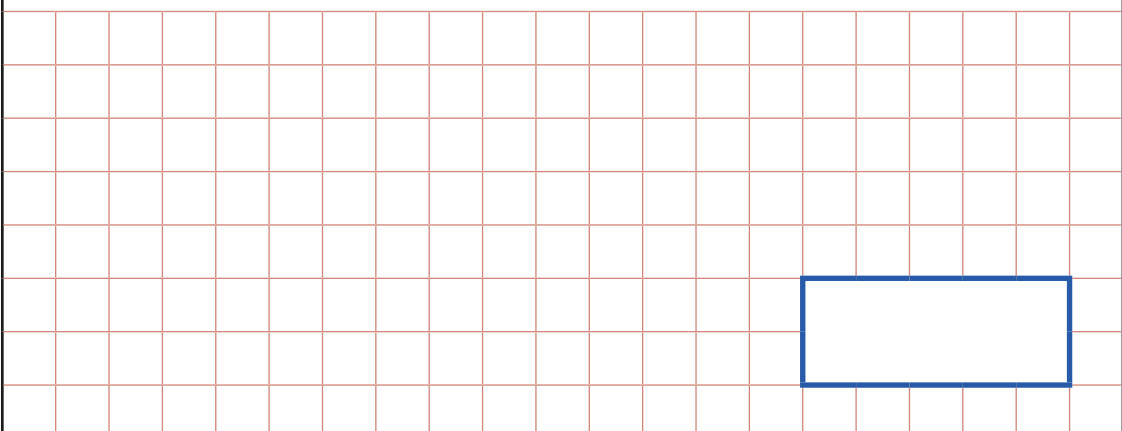
Children have now met the full range of objectives from the objective overview document. From this point on, each week of Fluent in Five will focus on an objective that children generally find tricky but will also include questions from the full range of objectives.

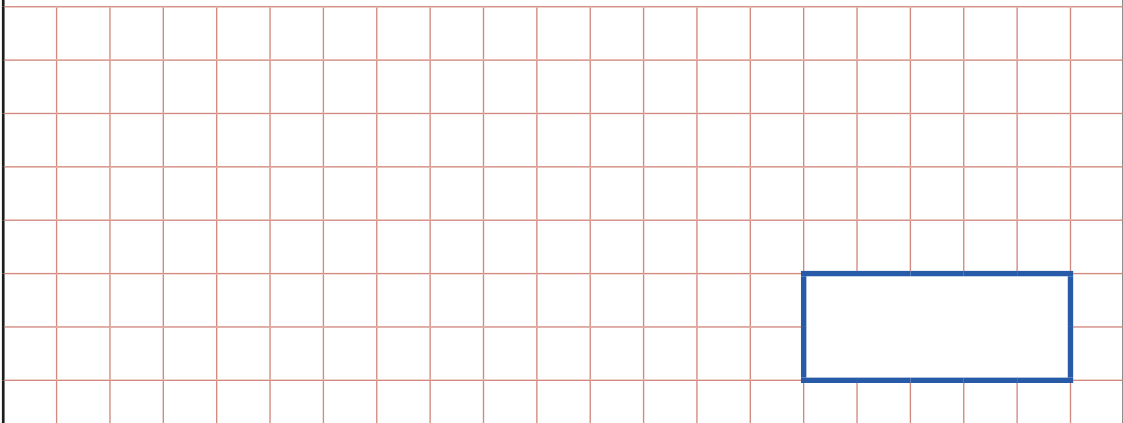
This week the following specific objectives are focused on as a 'recap' alongside questions from the full range of objectives:

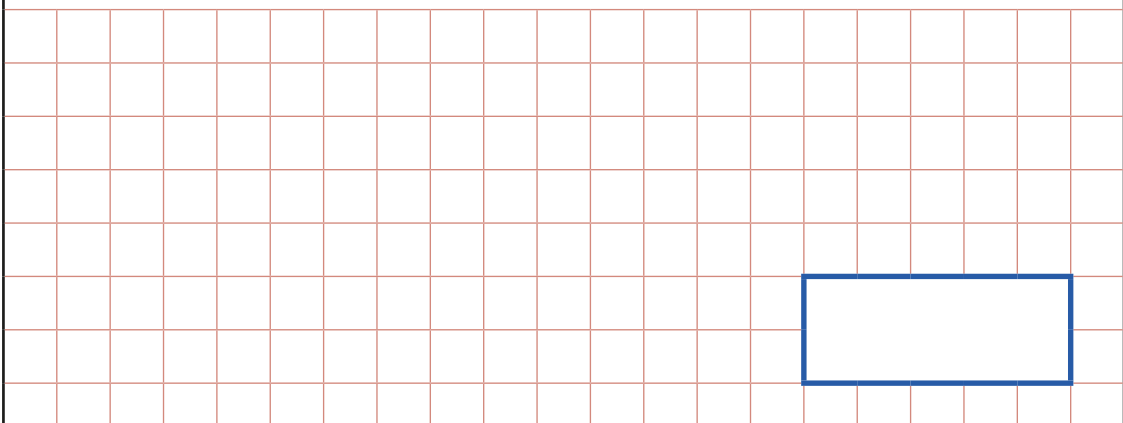
- Mental multiplication of multiples of 10 and 100.
- The formal method for 'long' multiplication.

1	$800 + 701 =$ 	<input data-bbox="1390 712 1469 790" type="checkbox"/> 1 mark
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2	$600 \times 40 =$ 	<input data-bbox="1390 1332 1469 1411" type="checkbox"/> 1 mark
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3	$1,528 \div 8 =$ 	<input data-bbox="1390 1957 1469 2036" type="checkbox"/> 1 mark
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4	$\frac{3}{5}$ of 350 =  <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	14,543 + 5,567 =  <input data-bbox="1031 1332 1302 1444" type="text"/>	<input data-bbox="1386 1328 1466 1406" type="checkbox"/> 1 mark
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Answer Sheet

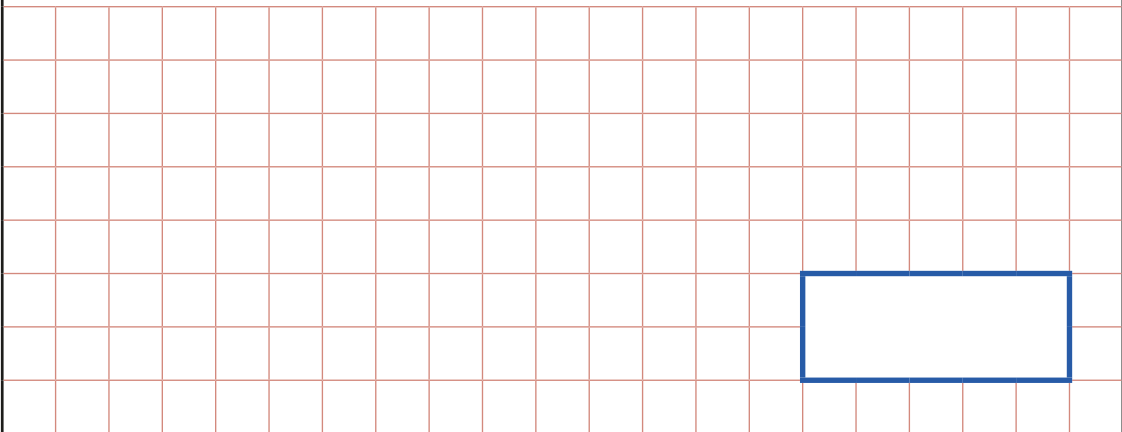
Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

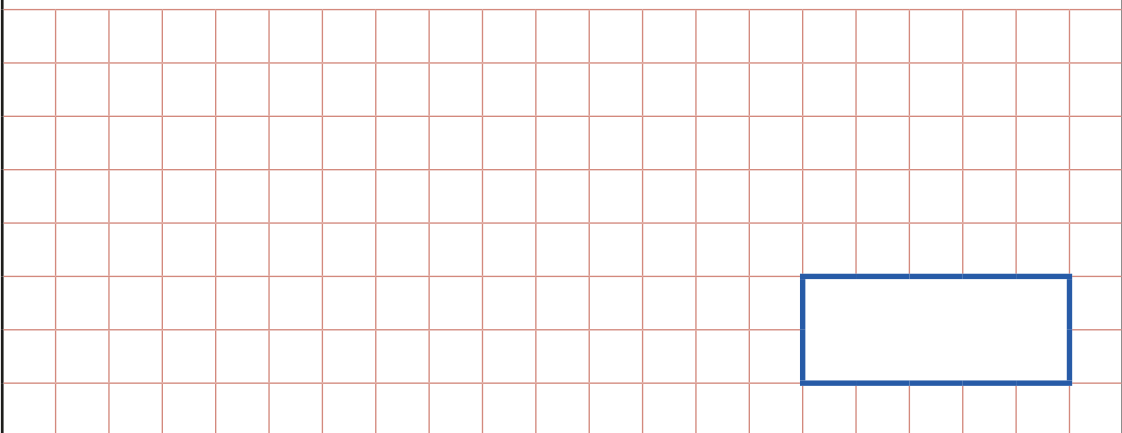
1. $800 + 701 = \mathbf{1501}$ (M)
2. $600 \times 40 = \mathbf{24,000}$ (M)
3. $1,528 \div 8 = \mathbf{191}$ (W)
4. $\frac{3}{5}$ of 350 = $\mathbf{210}$ (M)
5. $14,543 + 5,567 = \mathbf{20,110}$ (W)

1	$800 \times 5 =$	<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark
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2	$\begin{array}{r} 723 \\ \times 8 \\ \hline \end{array}$	<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark
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3	$43 \times 16 =$	<div style="border: 1px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 2 marks
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4	$504 + 35 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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5	$\frac{5}{12}$ of 144 = 	<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.

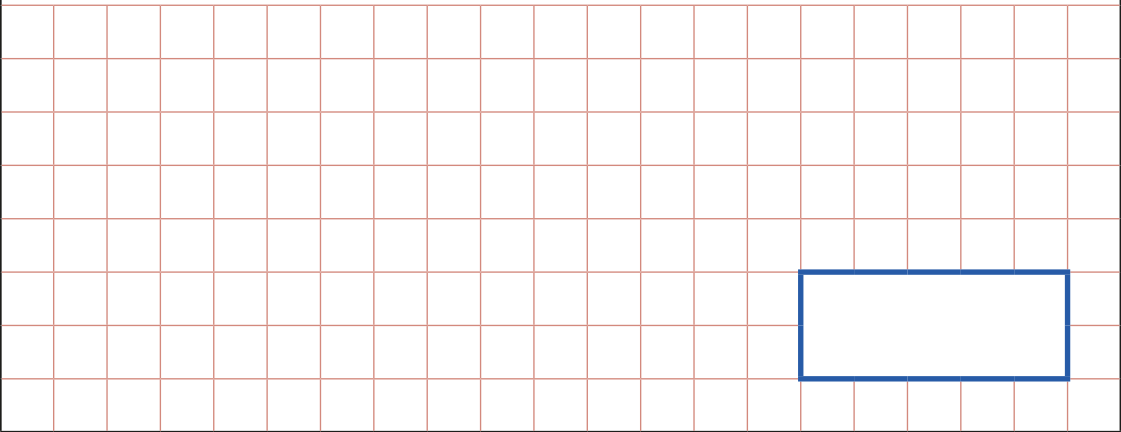
1. $800 \times 5 = \mathbf{40,000}$ (M)


2. $723 \times 8 = \mathbf{5,784}$ (W)


3. $43 \times 16 = \mathbf{688}$ (W)

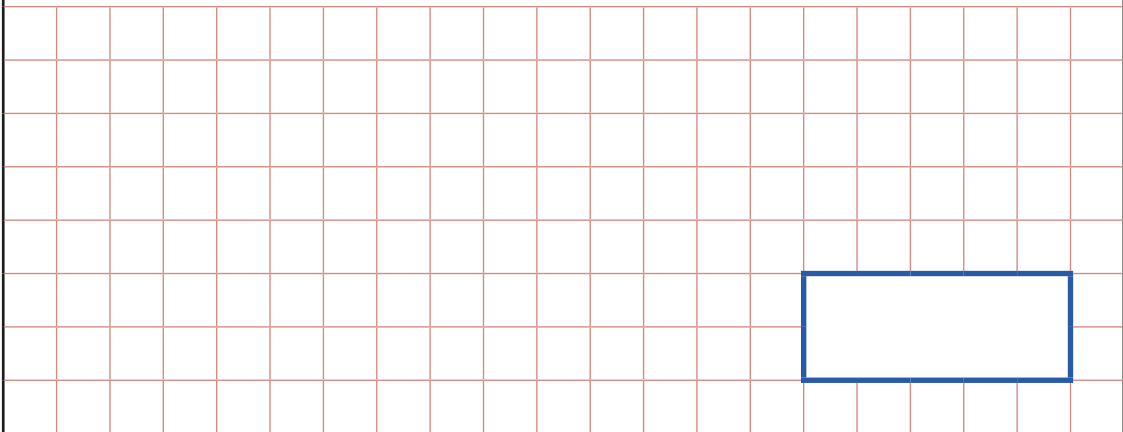
4. $504 + 35 = \mathbf{539}$ (M)

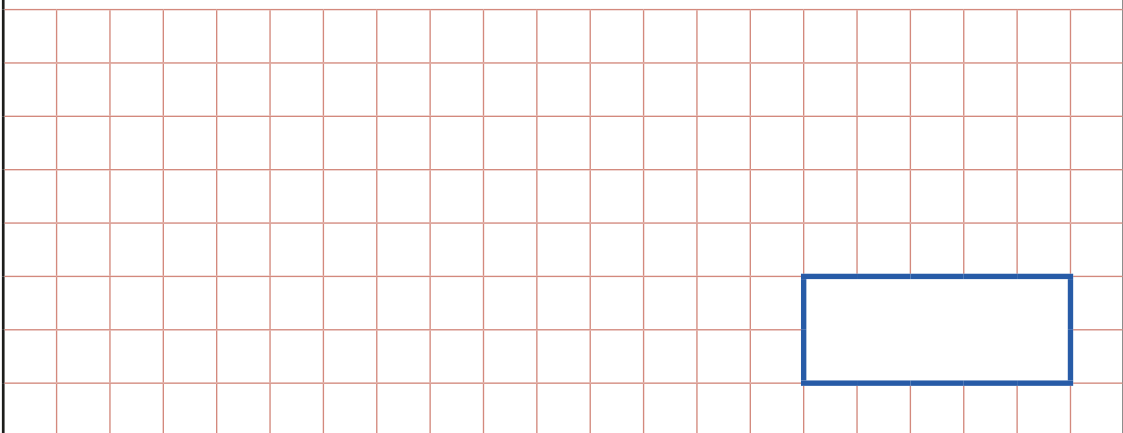
5. $\frac{5}{12}$ of 144 = $\mathbf{60}$ (M)

1	$\frac{2}{3}$ of 999 =	
		<input style="width: 150px; height: 30px; border: 1px solid blue;" type="text"/>
		<input style="width: 40px; height: 25px;" type="checkbox"/> 1 mark

2	$1,705 - $ <input style="width: 150px; height: 30px; border: 1px solid blue;" type="text"/> $ = 1,300$	
		<input style="width: 40px; height: 25px;" type="checkbox"/> 1 mark

3	$17,543 - 15,636 =$	
		<input style="width: 150px; height: 30px; border: 1px solid blue;" type="text"/>
		<input style="width: 40px; height: 25px;" type="checkbox"/> 1 mark

4	$765 \times 10 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark
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5	$73 \times 17 =$ 	<input data-bbox="1390 1335 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.

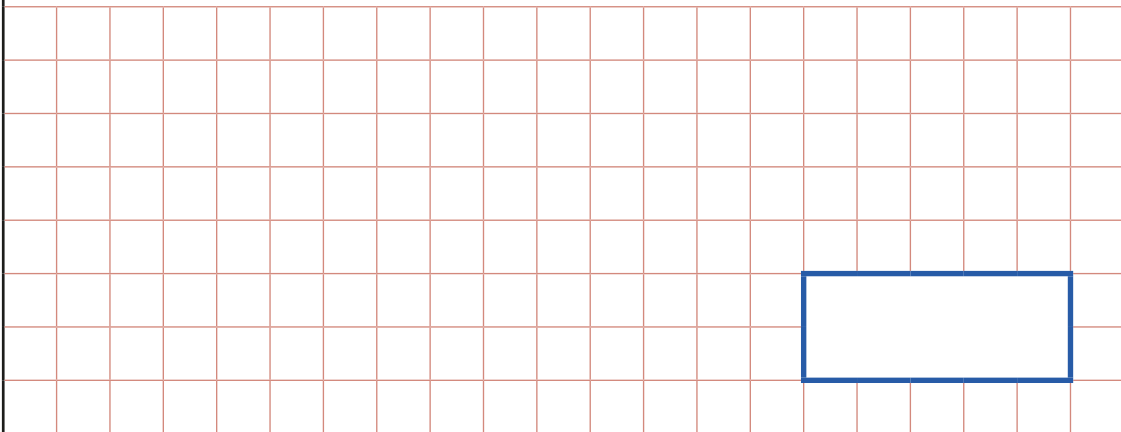
1. $\frac{2}{3}$ of 999 = **666** (M)


2. $1,705 - 405 = 1,300$ (M)


3. $17,543 - 15,636 = 1,907$ (W)

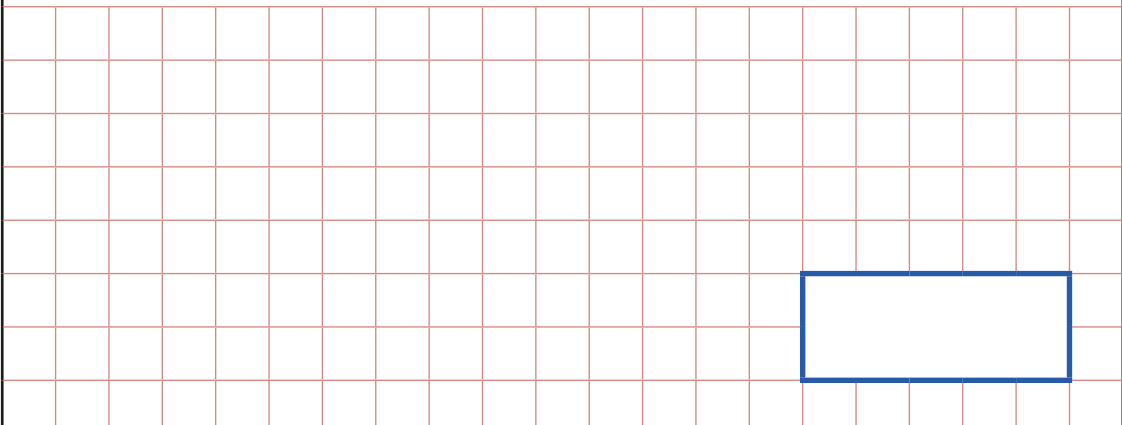
4. $765 \times 10 = 7,650$ (M)

5. $73 \times 17 = 1,241$ (W)

1	$300 \times 70 =$ 	<input data-bbox="1385 705 1465 795" type="checkbox"/> 1 mark
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2	$\boxed{} + 17,643 = 19,876$ 	<input data-bbox="1385 1332 1465 1422" type="checkbox"/> 1 mark
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3	$900 + \boxed{} = 1,703$ 	<input data-bbox="1385 1960 1465 2049" type="checkbox"/> 1 mark
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4	$32 \times 34 =$ 	<input data-bbox="1385 707 1465 786" type="checkbox"/> 2 marks
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5	$678 + 400 =$ 	<input data-bbox="1385 1328 1465 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.

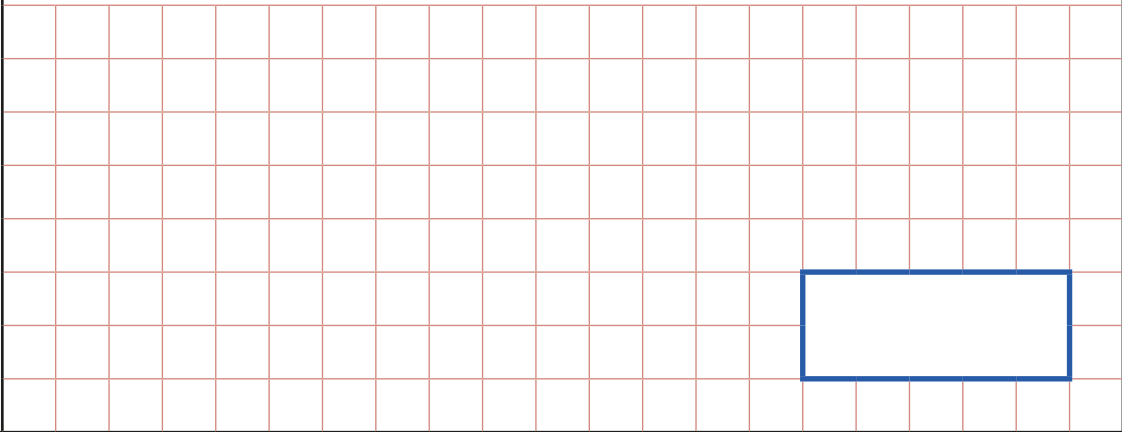
1. $300 \times 70 = \mathbf{21,000}$ (M)

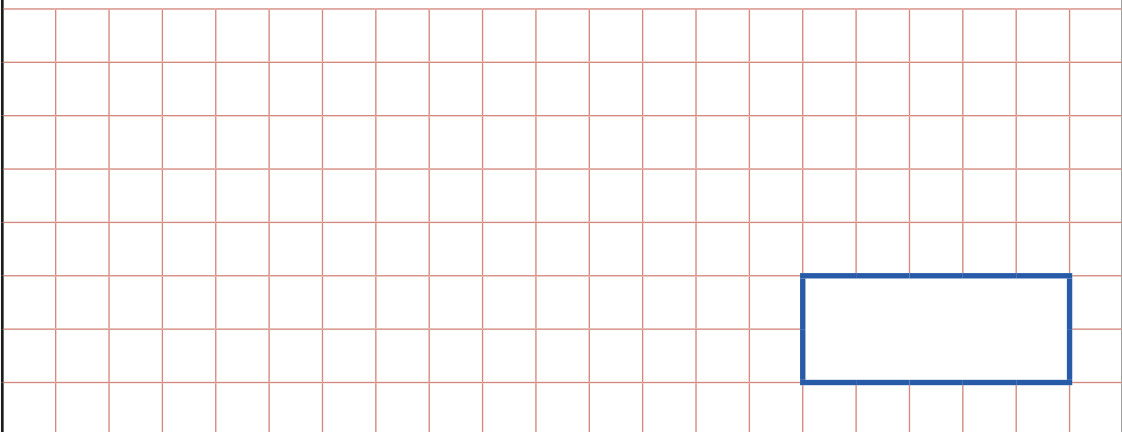
2. $\mathbf{2,233} + 17,643 = 19,876$ (W)

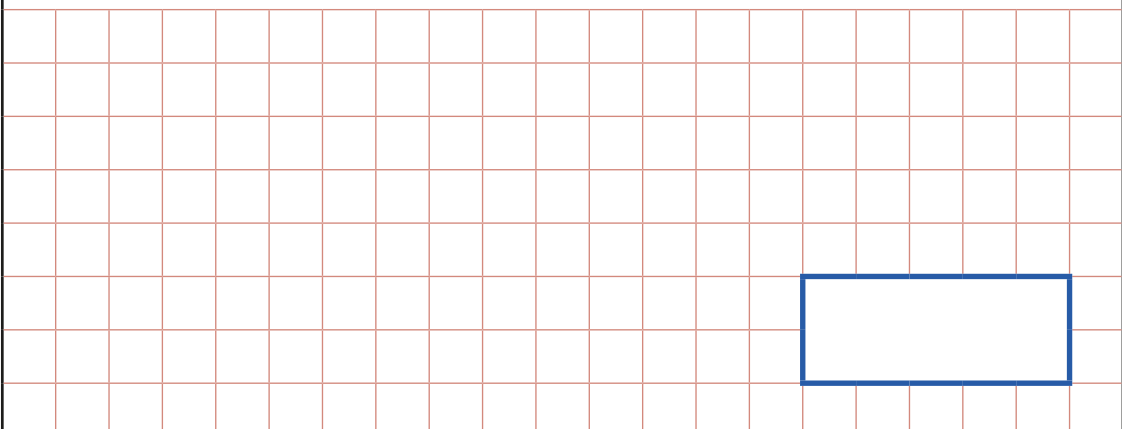
3. $900 + \mathbf{883} = 1,703$ (M)

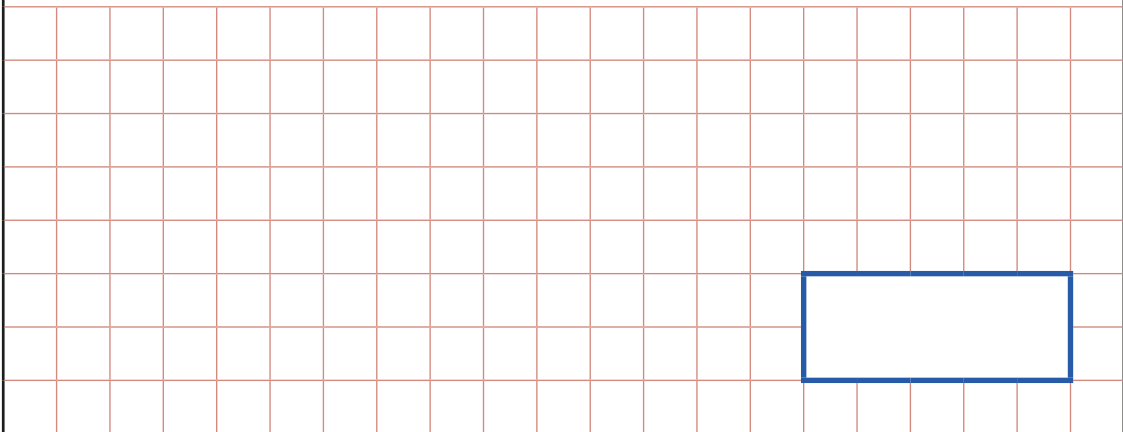
4. $32 \times 34 = \mathbf{1,088}$ (W)

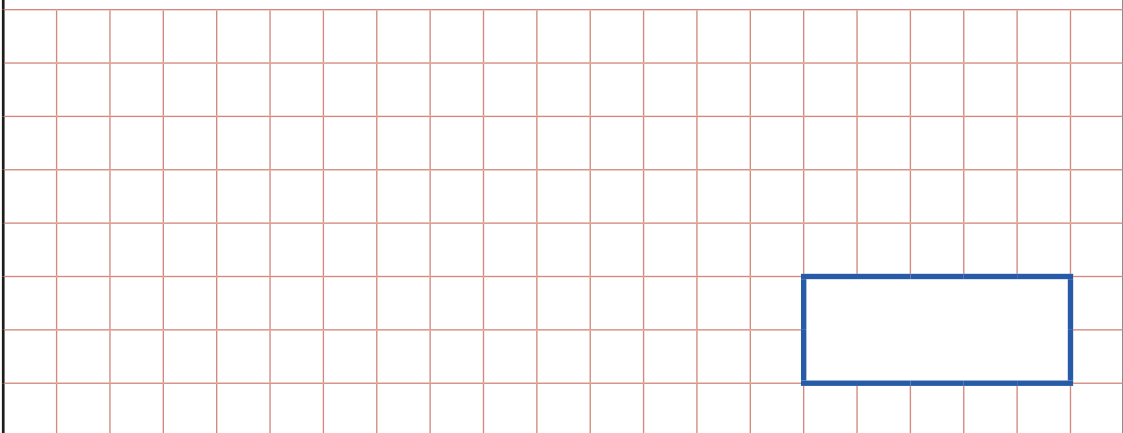
5. $678 + 400 = \mathbf{1,078}$ (M)

1	$700 \times 7 =$ 	<input data-bbox="1390 707 1469 775" type="checkbox"/> 1 mark
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2	$6,657 \times 8 =$ 	<input data-bbox="1390 1332 1469 1400" type="checkbox"/> 1 mark
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3	$\frac{5}{6}$ of 3,600 = 	<input data-bbox="1390 1955 1469 2022" type="checkbox"/> 1 mark
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4	$80 \times 70 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 2 marks
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5	$856 \div 8 =$ 	<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. $700 \times 7 = \mathbf{4,900}$ (M)

2. $6,657 \times 8 = \mathbf{53,256}$ (W)

3. $\frac{5}{6}$ of 3,600 = $\mathbf{3,000}$ (M)

4. $80 \times 70 = \mathbf{5,600}$ (M)

5. $856 \div 8 = \mathbf{107}$ (W)