

Fluent in Five

Daily Arithmetic Practice
Week 25

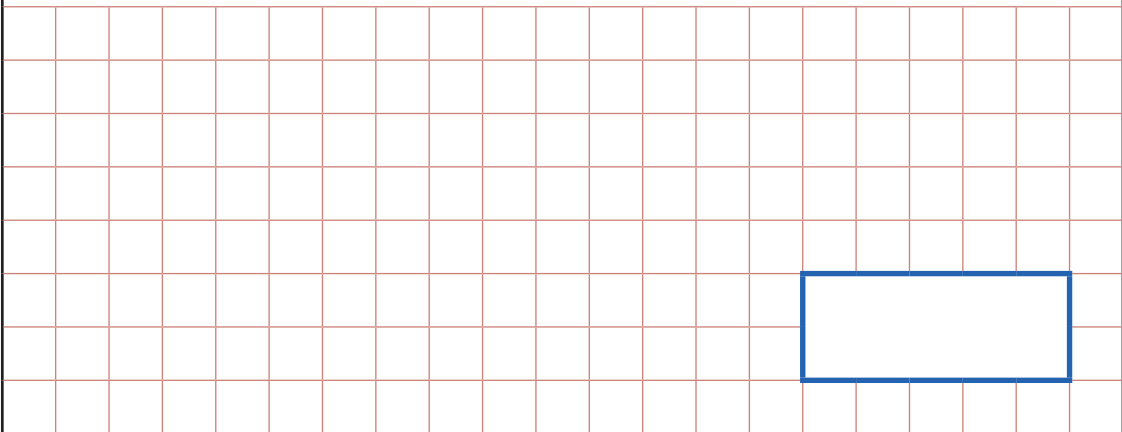
Year 6

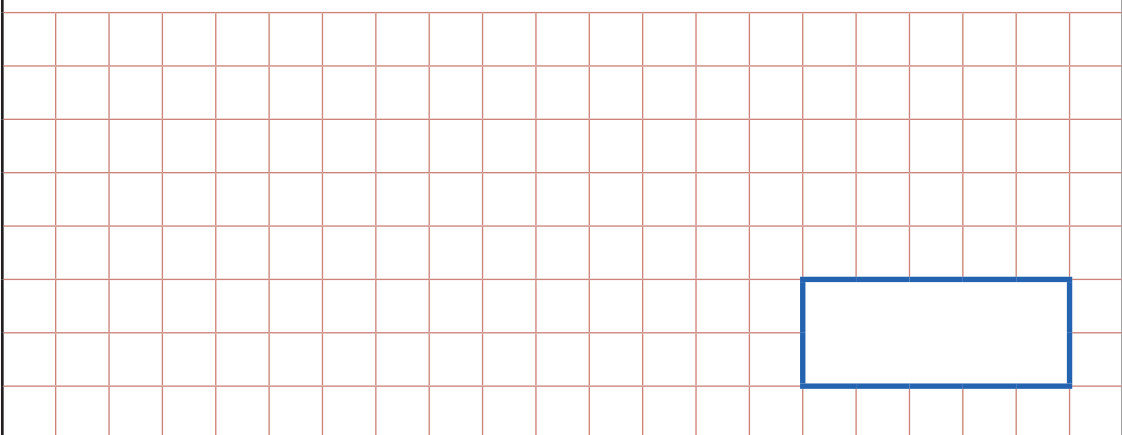
Year 6 - Week 25

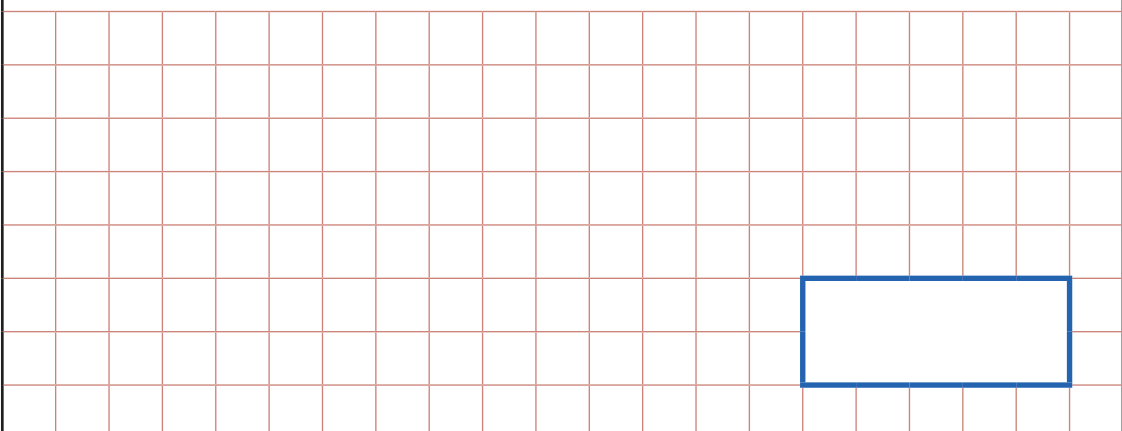
Please note, we recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

This week in a nutshell

As children are now very close 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. This fully prepares children for the demand of the calculations paper.

1	$2 \times 9 \times 4 =$ 	<input data-bbox="1390 712 1469 790" type="checkbox"/> 1 mark
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2	$543,384 - 63,954 =$ 	<input data-bbox="1390 1332 1469 1411" type="checkbox"/> 1 mark
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3	$\frac{1}{3} + \frac{5}{6} =$ 	<input data-bbox="1390 1957 1469 2036" type="checkbox"/> 1 mark
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4

$$4.8 \div 10 =$$

1 mark

5


$$3 \overline{) 8543}$$


1 mark

6

$$985 \div 19 =$$

1 mark

7	$55\% \times 150 =$ 	<input data-bbox="1390 707 1466 786" type="text"/> 1 mark
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8	$5,000 +$ <input data-bbox="432 936 703 1048" type="text"/> $= 5,432.2$ 	<input data-bbox="1390 1332 1466 1411" 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. $2 \times 9 \times 4 = \mathbf{72}$ (M)
2. $543,384 - 63,954 = \mathbf{479,430}$ (W)
3. $\frac{1}{3} + \frac{5}{6} = \frac{\mathbf{7}}{\mathbf{6}}$ (M)
4. $4.8 \div 10 = \mathbf{0.48}$ (M)
5. $8543 \div 3 = \mathbf{2,847 \text{ r}2}$ (W)
6. $985 \div 19 = \mathbf{51 \text{ r}16}$ (W)
7. $55\% \times 150 = \mathbf{82.5}$ (M)
8. $5,000 + \mathbf{432.2} = 5,432.2$ (M)

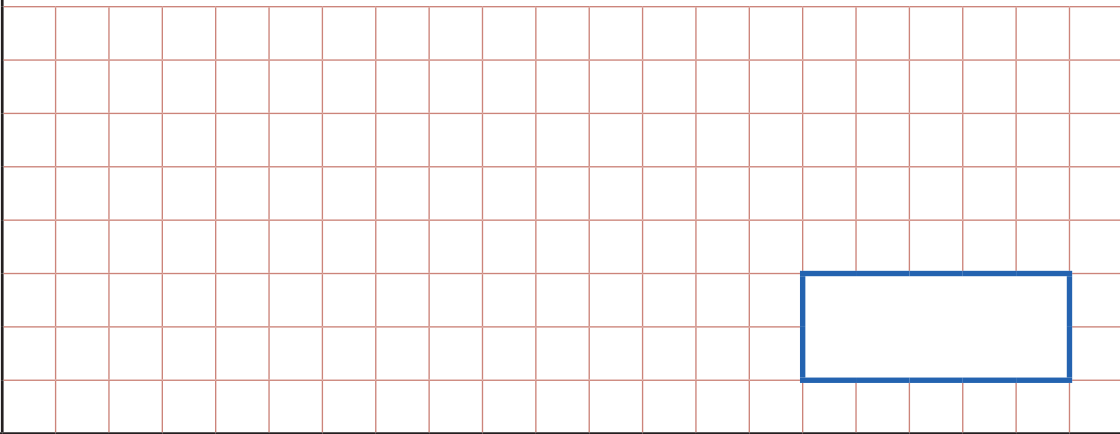
1	$ \begin{array}{r} 905430 \\ - \quad \quad \quad 9954 \\ \hline \end{array} $	<div style="border: 2px solid blue; width: 100%; height: 30px; margin-bottom: 5px;"></div> <input style="width: 40px; height: 30px;" type="text"/> 1 mark
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2	$8 \times 1 \frac{1}{2} =$	<div style="border: 2px solid blue; width: 100%; height: 30px; margin-bottom: 5px;"></div> <input style="width: 40px; height: 30px;" type="text"/> 1 mark
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3	$800 - 89 =$	<div style="border: 2px solid blue; width: 100%; height: 30px; margin-bottom: 5px;"></div> <input style="width: 40px; height: 30px;" type="text"/> 1 mark
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4

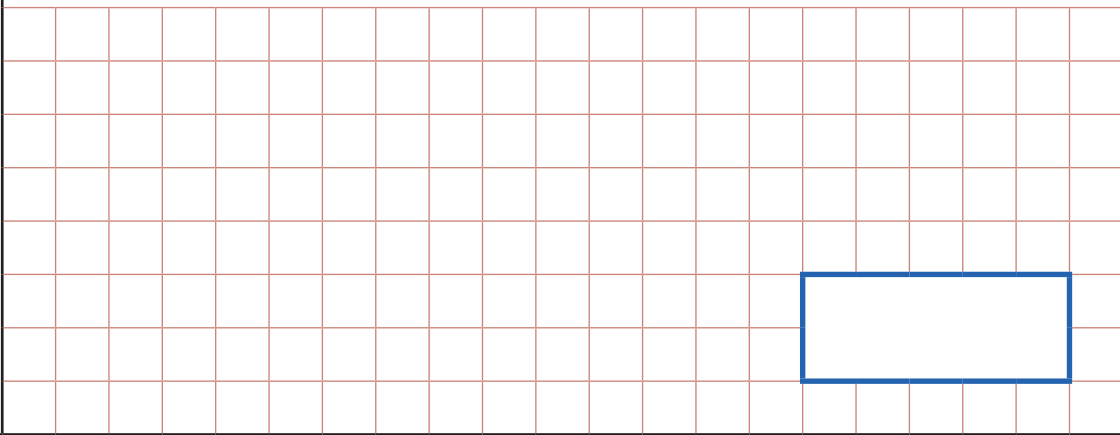
$$\frac{5}{7} + \frac{2}{21} =$$



1 mark

5

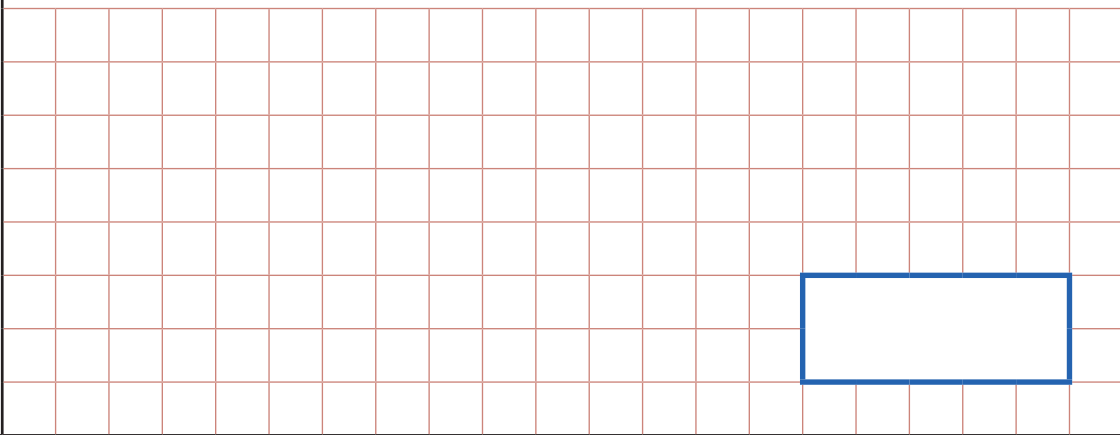
$$38 \div 18 =$$



1 mark

6

$$453 + 93 =$$



1 mark

7

$$\begin{array}{r} 3257 \\ \times \quad 7 \\ \hline \end{array}$$

1 mark

8

$$4 + 3 \times 2 =$$

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. $905,430 - 9,954 = \mathbf{895,476}$ (W)

2. $8 \times 1 \frac{1}{2} = \mathbf{12}$ (M)

3. $800 - 89 = \mathbf{711}$ (M)

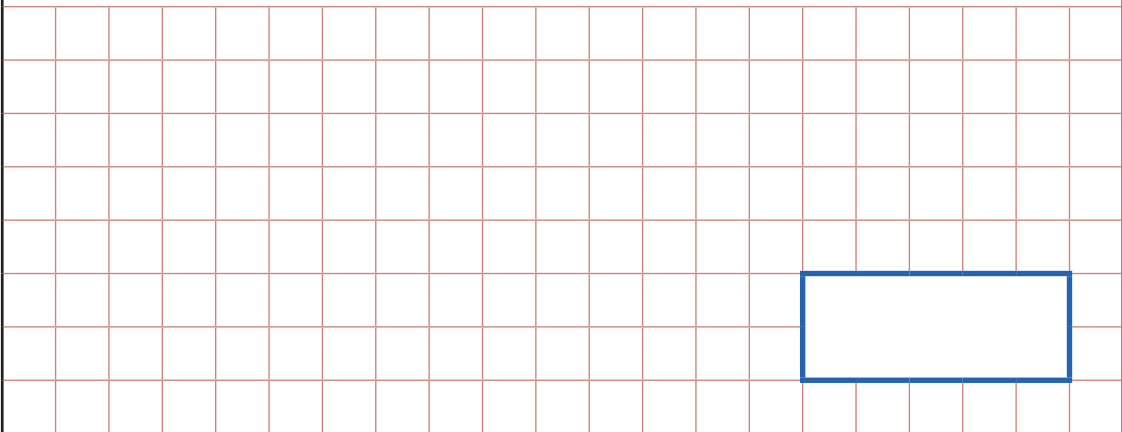
4. $\frac{5}{7} + \frac{2}{21} = \frac{\mathbf{17}}{\mathbf{21}}$ (M)

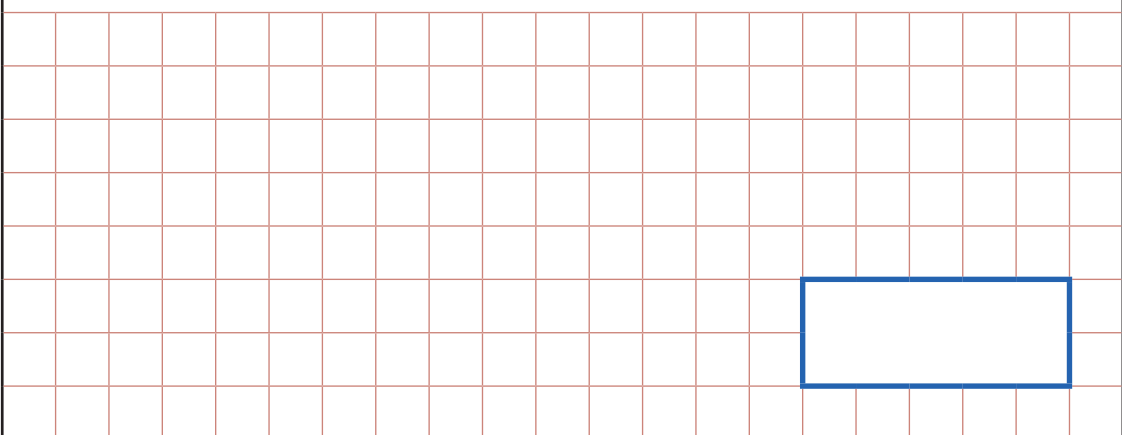
5. $38 \div 18 = \mathbf{684}$ (W)

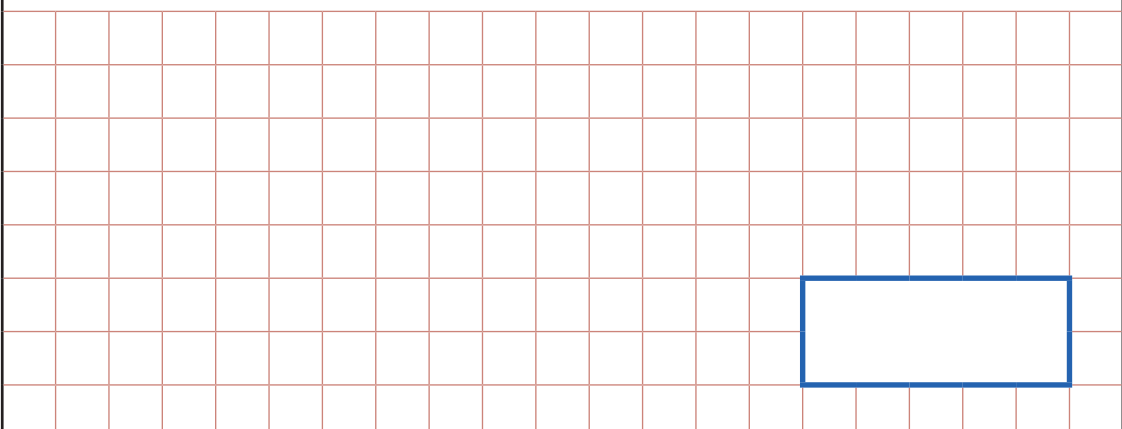
6. $453 + 93 = \mathbf{546}$ (M)

7. $3,257 \times 7 = \mathbf{22,799}$ (W)

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

1	$\frac{2}{7} + \frac{6}{7} + \frac{3}{7} =$  <div data-bbox="1031 712 1302 824" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px 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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2	$8 + 8 \div 2 =$  <div data-bbox="1031 1335 1302 1447" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px 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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3	$7,885 + 16,847 =$  <div data-bbox="1031 1957 1302 2069" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px 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

$$3\frac{1}{2} + 4\frac{1}{4} =$$

1 mark

8

$$87,843 - 9,832 =$$

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. $\frac{2}{7} + \frac{6}{7} + \frac{3}{7} = \frac{11}{7}$ or $1\frac{5}{7}$ (M)

2. $8 + 8 \div 2 = 12$ (M)

3. $7,885 + 16,847 = 24,732$ (W)


4. $7,000 + 600 + 500 + 100 = 8,200$ (M)


5. $58 \times 18 = 1,044$ (W)

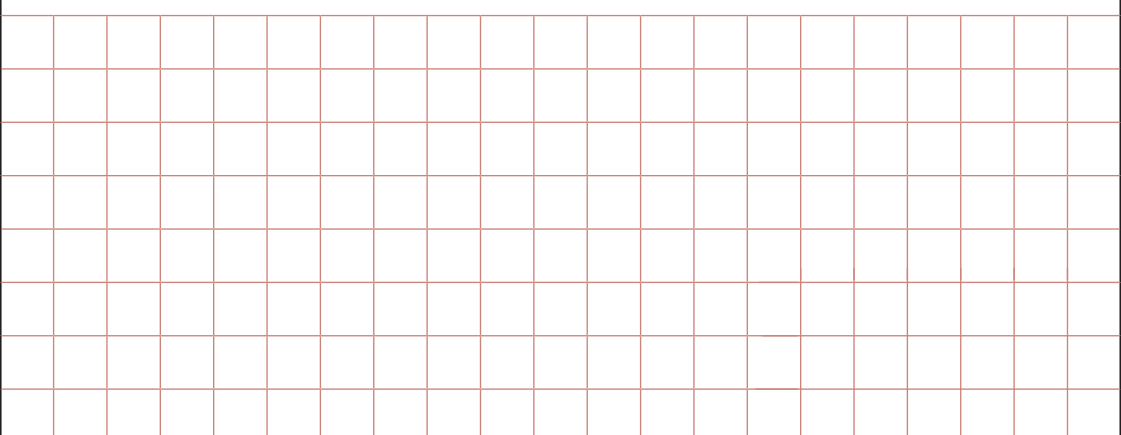
6. 45% of 200 = 90 (M)

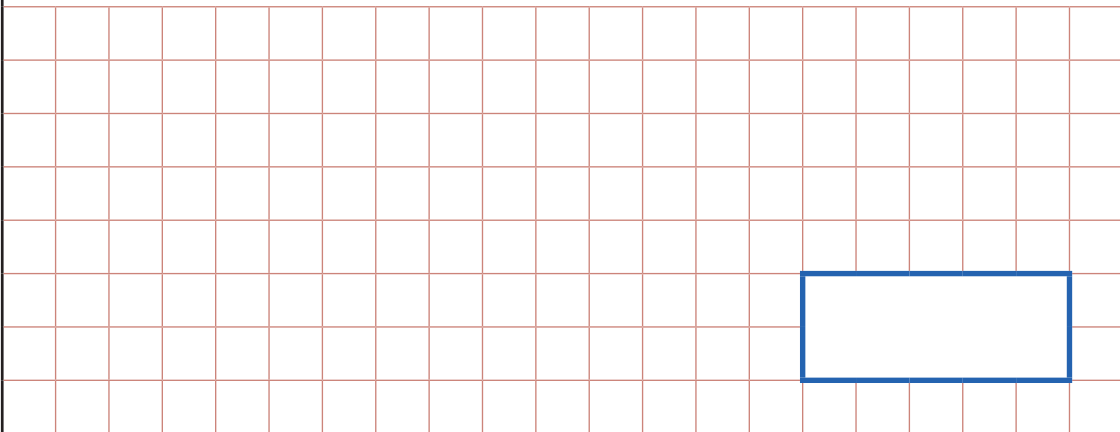
7. $3\frac{1}{2} + 4\frac{1}{4} = 7\frac{3}{4}$ (M)

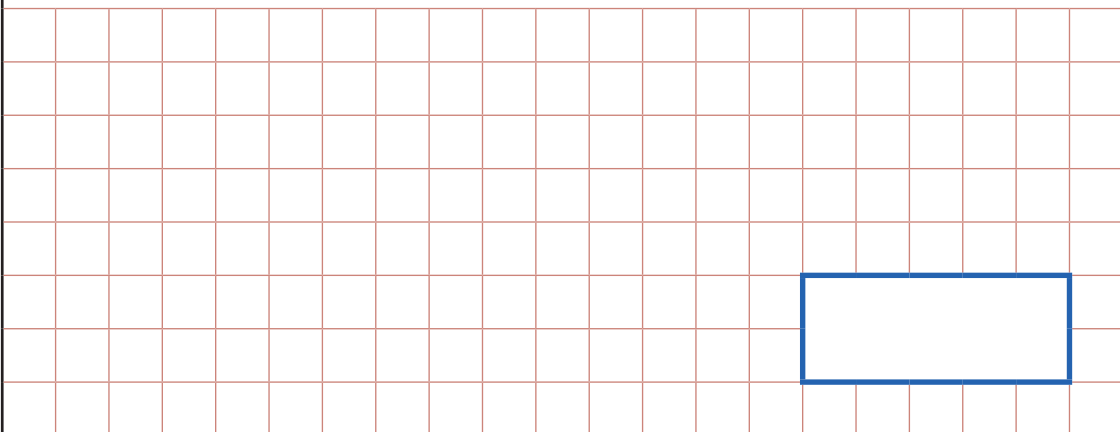
8. $87,843 - 9,832 = 78,011$ (W)

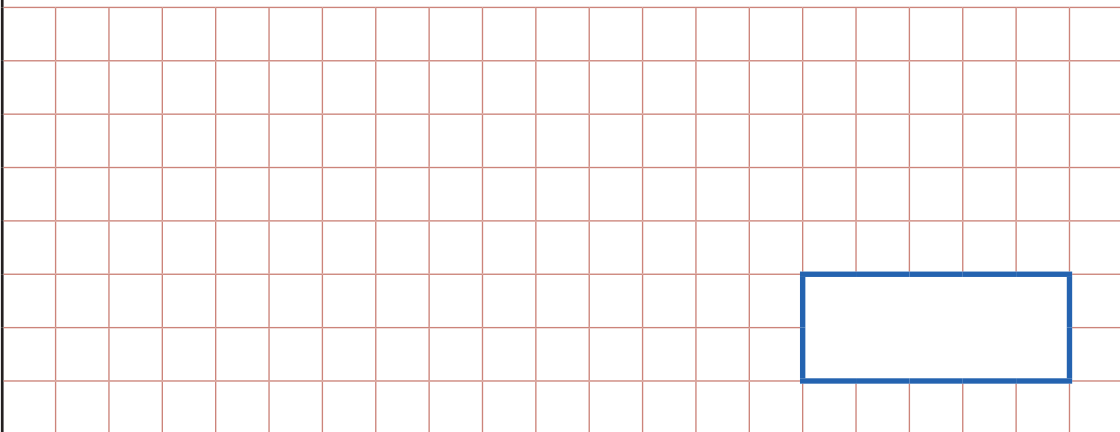
1	$\frac{5}{6}$ of 60 =		<input style="width: 40px; height: 20px;" type="text"/> 1 mark
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2	$95 + 400 =$		<input style="width: 40px; height: 20px;" type="text"/> 1 mark
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3	<input style="width: 150px; height: 40px;" type="text"/> $\div 8 = 496$		<input style="width: 40px; height: 20px;" type="text"/> 1 mark
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4	$9 \times 60 \times 4 =$  <input data-bbox="1031 712 1302 824" type="text"/>	<input data-bbox="1385 707 1465 788" type="checkbox"/> 1 mark
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5	$1,990 - 499 =$  <input data-bbox="1031 1335 1302 1447" type="text"/>	<input data-bbox="1385 1330 1465 1411" type="checkbox"/> 1 mark
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6	$1,843,843 - 78,843 =$  <input data-bbox="1031 1957 1302 2069" type="text"/>	<input data-bbox="1385 1953 1465 2033" type="checkbox"/> 1 mark
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7

$$\begin{array}{r} 783 \\ \times \quad 3 \\ \hline \end{array}$$

1 mark

8

$$1\,3\,|\,6\,7\,8$$

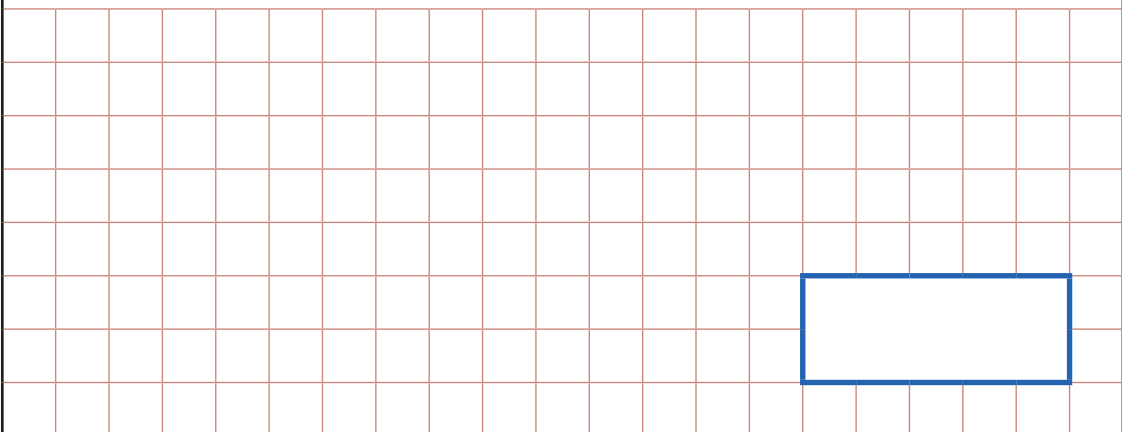
2 marks

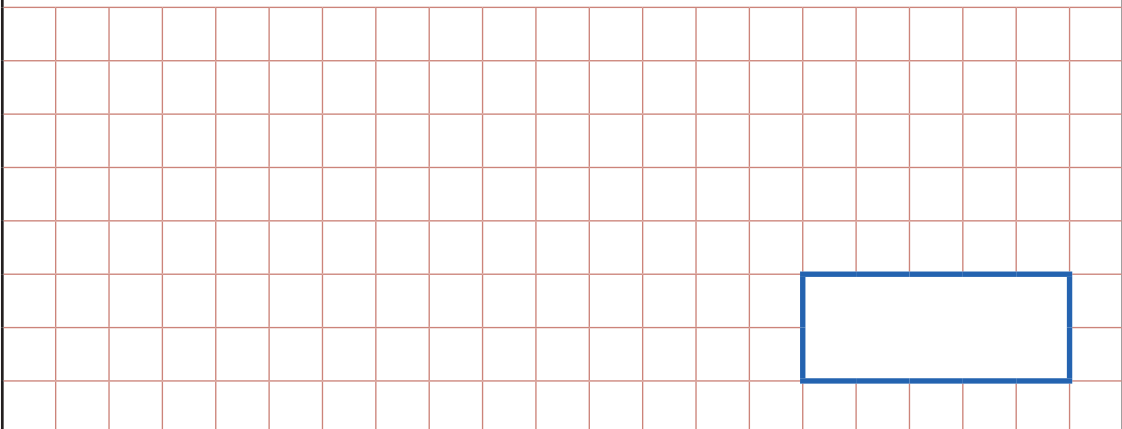
Answer Sheet

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. $\frac{5}{6}$ of 60 = **50** (M)
2. $95 + 400 =$ **495** (M)
3. **3,952** $\div 8 = 496$ (W)
4. $9 \times 60 \times 4 =$ **2,160** (M)
5. $1,990 - 499 =$ **1,491** (M)
6. $1,843,843 - 78,843 =$ **1,765,000** (W)
7. $783 \times 3 =$ **2349** (W)
8. $678 \div 13 =$ **52 r2** (W)

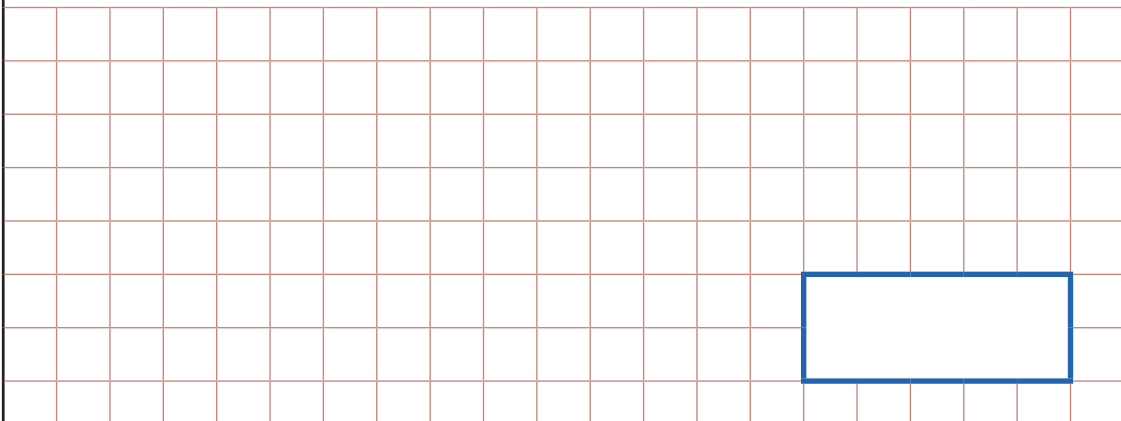
1	$50 \times 3 \times 2 =$ 	<input data-bbox="1390 707 1469 775" type="text"/> 1 mark
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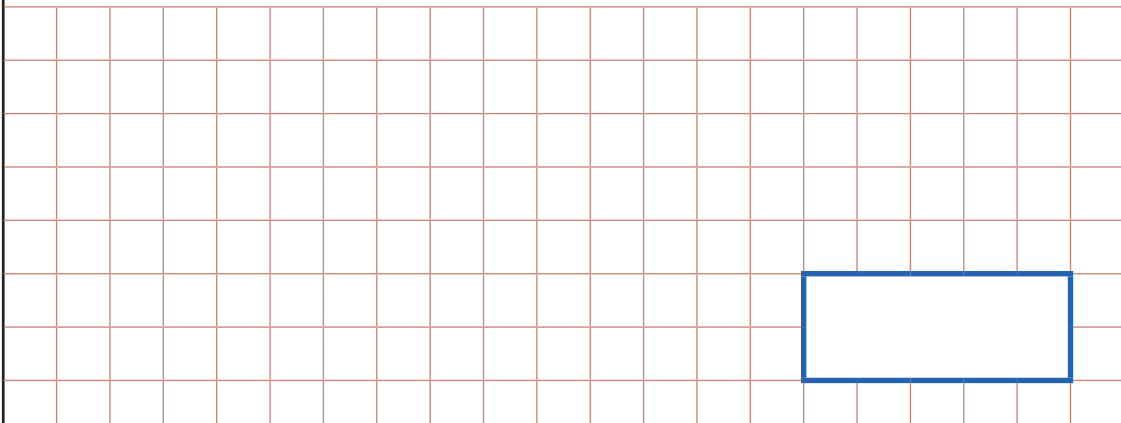
2	$38 \times 43 =$ 	<input data-bbox="1390 1335 1469 1402" type="text"/> 1 mark
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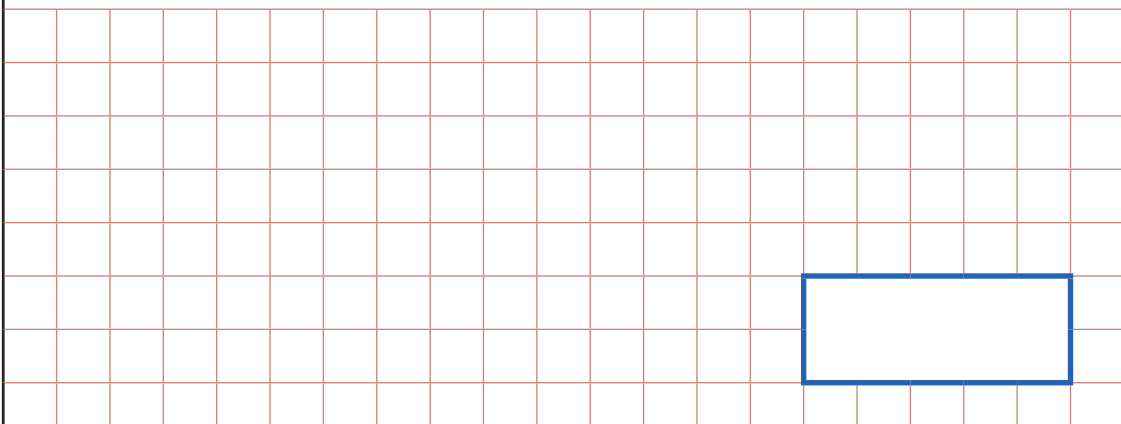
3	$8,000 - 48 =$ 	<input data-bbox="1390 1962 1469 2029" type="text"/> 1 mark
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4	$\frac{5}{8} \times 48 =$ 	<input data-bbox="1385 707 1465 779" type="checkbox"/> 1 mark
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5	1 8 8 7 4 	<input data-bbox="1385 1323 1465 1395" type="checkbox"/> 2 marks
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6	$868 \times 3 =$ 	<input data-bbox="1385 1953 1465 2024" type="checkbox"/> 1 mark
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7	$9 \times 3 + 4 \times 3 =$ 	<input data-bbox="1385 707 1465 786" type="checkbox"/> 1 mark
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8	$8,753 - 538 =$ 	<input data-bbox="1385 1330 1465 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. $50 \times 3 \times 2 = \mathbf{300}$ (M)

2. $38 \times 43 = \mathbf{1,634}$ (W)

3. $8,000 - 48 = \mathbf{7,952}$ (M)

4. $\frac{5}{8} \times 48 = \mathbf{40}$ (M)

5. $874 \div 18 = \mathbf{48 \text{ r}10}$ (W)

6. $868 \times 3 = \mathbf{2,604}$ (W)

7. $9 \times 3 + 4 \times 3 = \mathbf{39}$ (M)

8. $8,753 - 538 = \mathbf{8,215}$ (M)