

Fluent in Five

Daily Arithmetic Practice
Week 11


Year 6

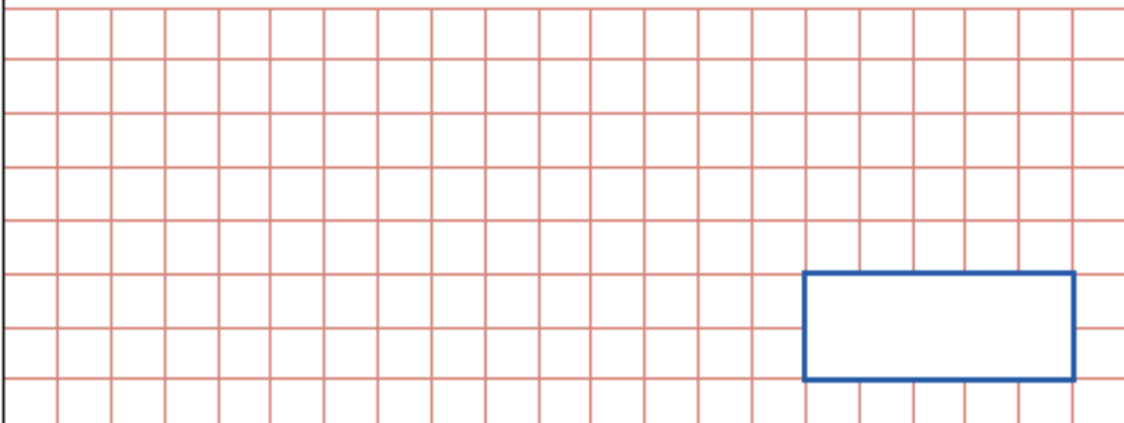
Year 6 - Week 11


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

- Questions recap on mental multiplication, division, addition and subtraction content from the previous 10 weeks.
- This week, pupils will need to calculate percentage of amount for the first time.
- Addition and subtraction of fractions with different denominators is a focus this week.
- Written questions continue to focus on addition and subtraction of decimals, together with long and short division and multiplication.

1	$854.34 + \boxed{} = 923.78$ 	<input data-bbox="1390 712 1469 790" type="checkbox"/> 1 mark
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2	$45 \times 32 =$ 	<input data-bbox="1390 1335 1469 1413" type="checkbox"/> 2 marks
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3	$15\% \text{ of } 80 =$ 	<input data-bbox="1390 1957 1469 2036" type="checkbox"/> 1 mark
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4

$\div 1.3 = 4$

1 mark

5

$\frac{1}{5} + \frac{3}{10} =$

1 mark

6

$800 + 679 =$

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. $854.34 + \mathbf{69.44} = 923.78$ (W)

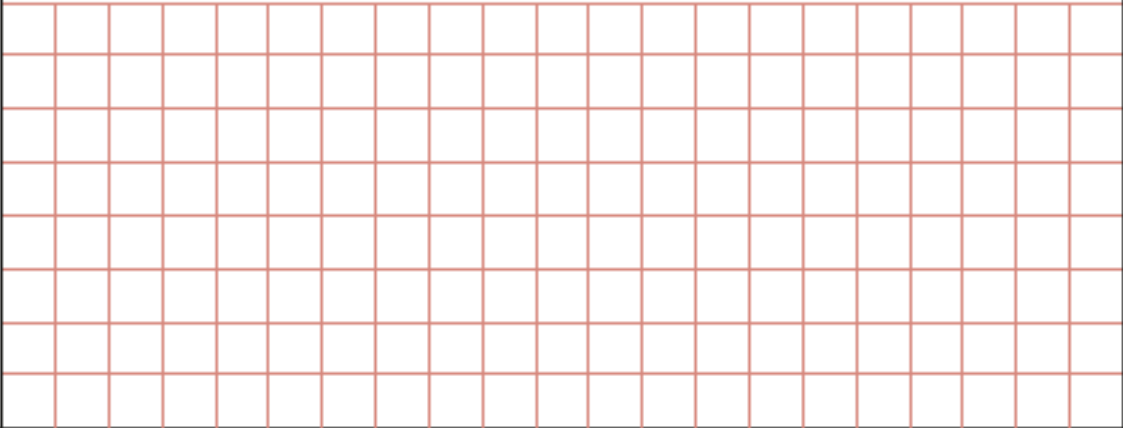
2. $45 \times 32 = \mathbf{1,440}$ (W)


3. 15% of 80 = **12** (M)


4. $\mathbf{5.2} \div 1.3 = 4$ (M)

5. $\frac{1}{5} + \frac{3}{10} = \mathbf{\frac{5}{10}}$ or $\mathbf{\frac{1}{2}}$ (M)

6. $800 + 679 = \mathbf{1,479}$ (M)

1	<div style="border: 1px solid blue; display: inline-block; width: 150px; height: 40px; vertical-align: middle;"></div> $\times 100 = 13.38$ 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p>1 mark</p>
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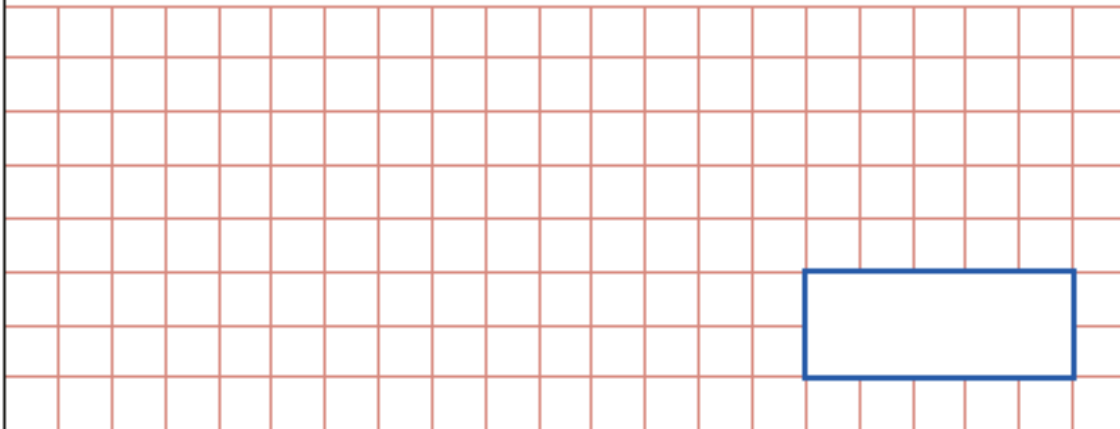
2	$653 \div 8 =$ 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p>1 mark</p>
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3	$\frac{5}{12} + \frac{1}{3} =$ 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p>1 mark</p>
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Fluent in Five - Year 6
Week 11 - Day 2

4

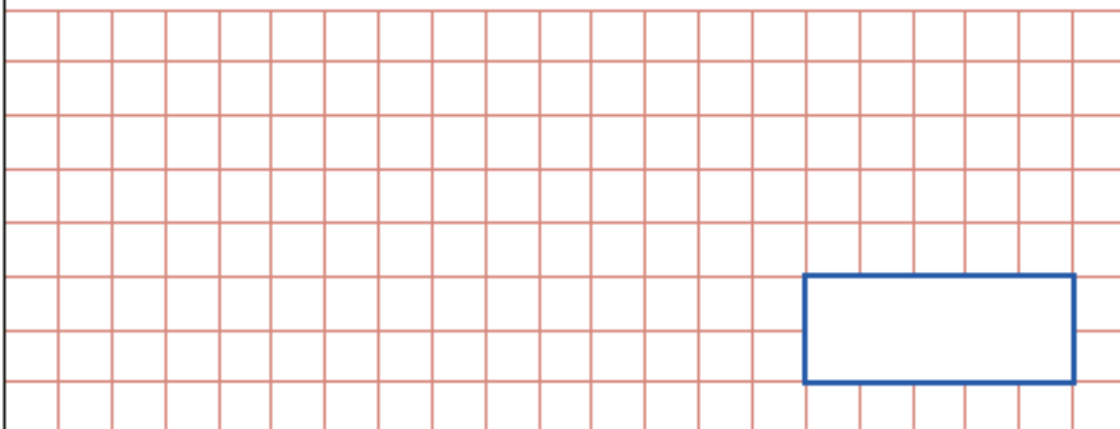
$25\% \text{ of } 140 =$



1 mark

5

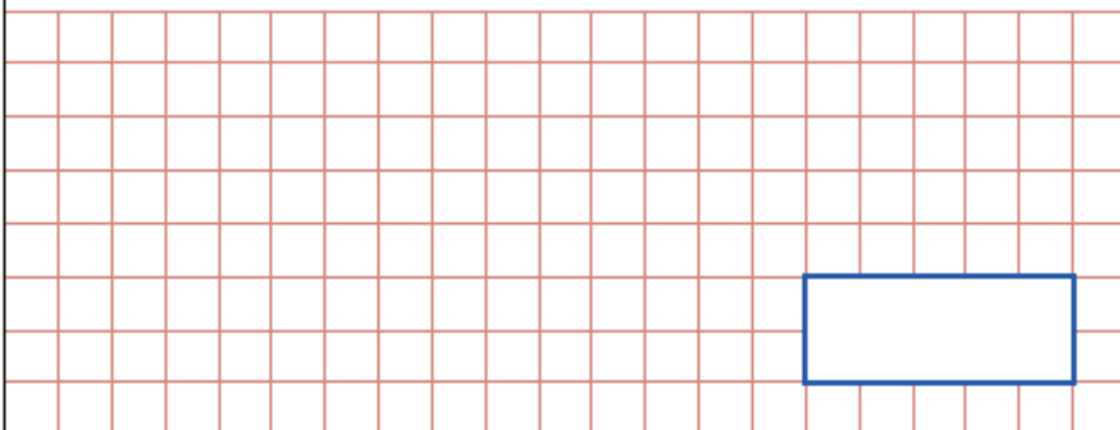
$784 - 220 =$



1 mark

6

$3,832 \times 18 =$



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. **0.1338** $\times 100 = 13.38$ (M)

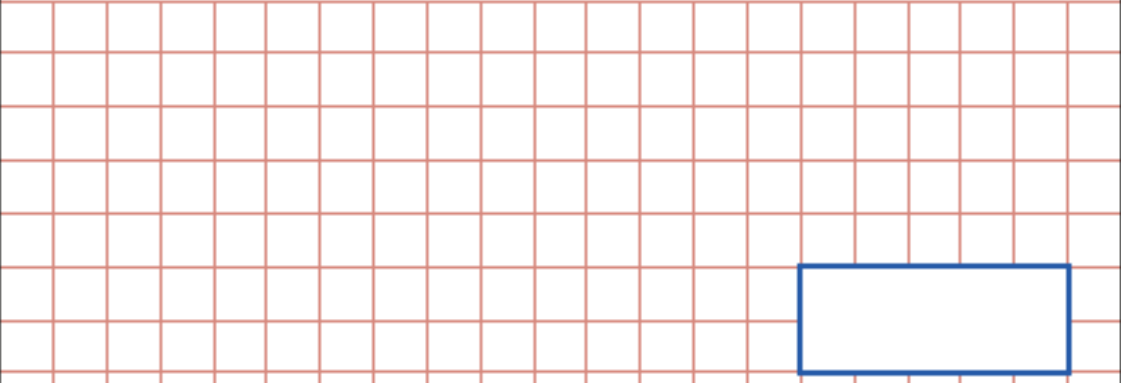
2. $653 \div 8 = \mathbf{81} \frac{\mathbf{5}}{\mathbf{8}}$ (W)

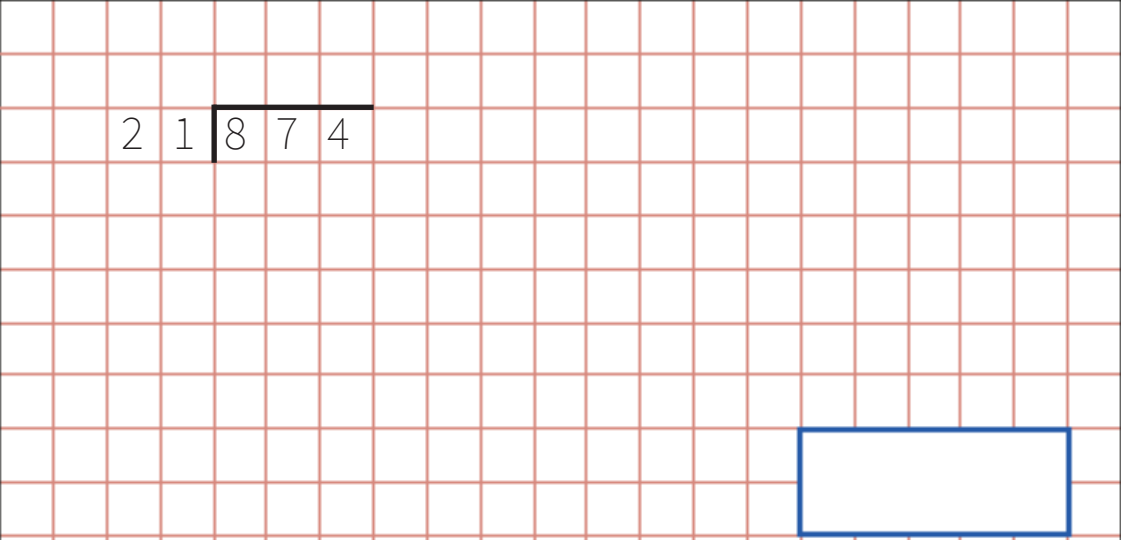
3. $\frac{5}{12} + \frac{1}{3} = \frac{\mathbf{9}}{\mathbf{12}}$ or $\frac{\mathbf{3}}{\mathbf{4}}$ (M)

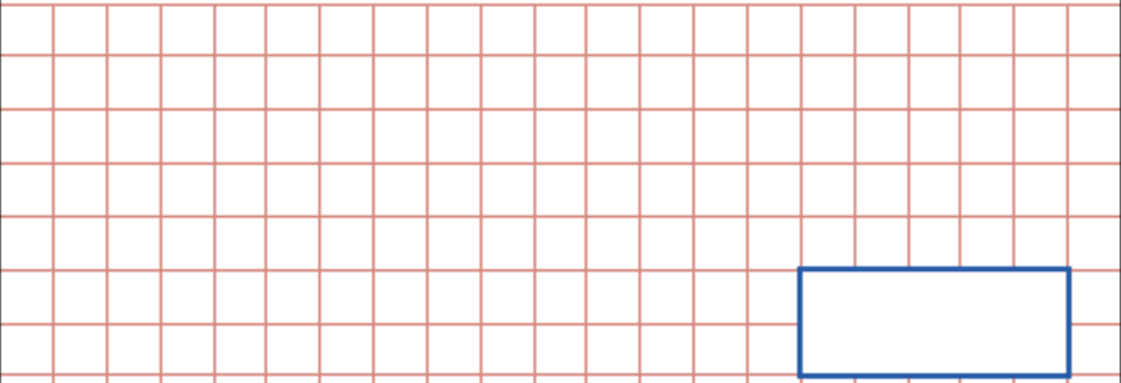
4. 25% of 140 = **35** (M)

5. $784 - 220 = \mathbf{564}$ (M)

6. $3,832 \times 18 = \mathbf{68,976}$ (W)

1	$8^2 =$		<input type="checkbox"/> 1 mark
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2	21874		<input type="checkbox"/> 2 marks
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3	$8 + 3 \times 6 =$		<input type="checkbox"/> 1 mark
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4

$$35\% \text{ of } 60 =$$

1 mark

5

$$\frac{1}{4} + \frac{1}{20} =$$

1 mark

6

$$7,584 + 19,848 =$$

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. $8^2 = \mathbf{64}$ (M)

2. $874 \div 21 = \mathbf{41 \text{ r } 13}$ (W)

3. $8 + 3 \times 6 = \mathbf{26}$ (M)

4. 35% of 60 = $\mathbf{21}$ (M)

5. $\frac{1}{4} + \frac{1}{20} = \frac{\mathbf{6}}{\mathbf{20}}$ or $\frac{\mathbf{3}}{\mathbf{10}}$ (M)

6. $7,584 + 19,848 = \mathbf{27,432}$ (W)

Name.....

Date.....School.....

Class.....Score.....

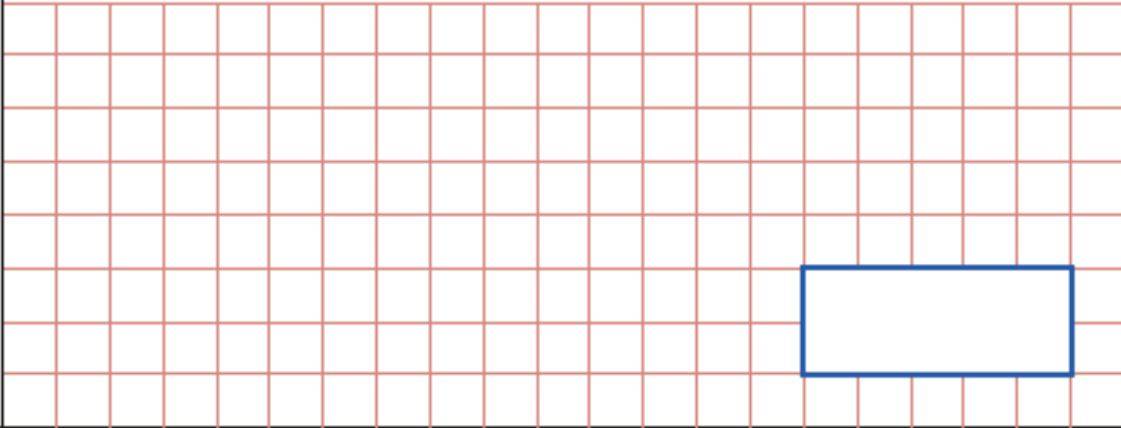
1	$1.38 + 3.48 =$		<input type="checkbox"/> 1 mark
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2	$98.384 + 12.843 =$		<input type="checkbox"/> 1 mark
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3	$65\% \times 120 =$		<input type="checkbox"/> 1 mark
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4

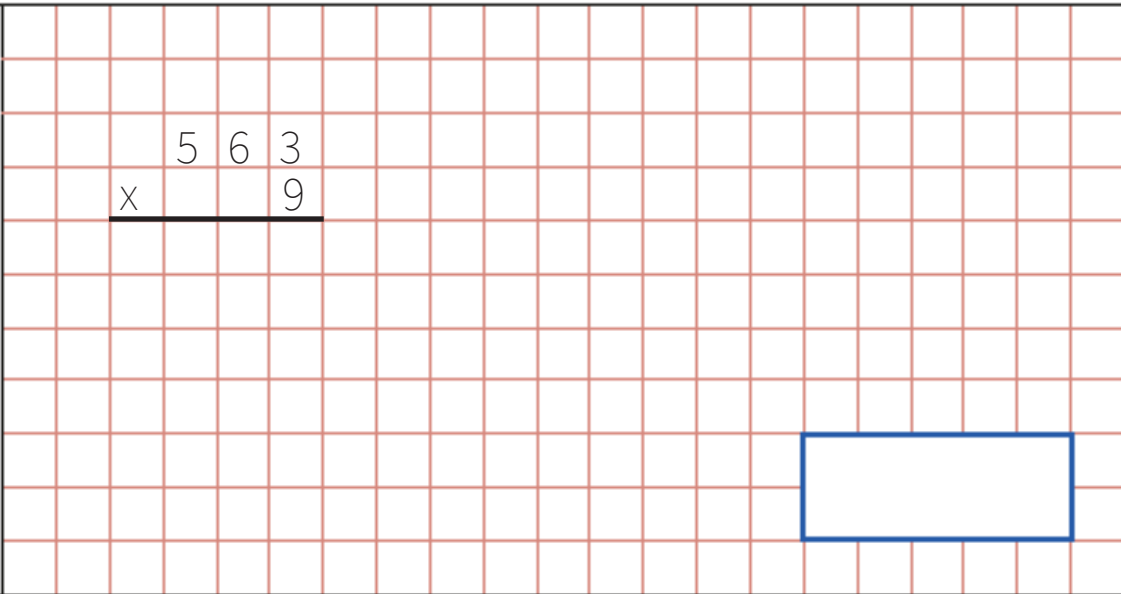
$64 \times 4 =$



1 mark

5

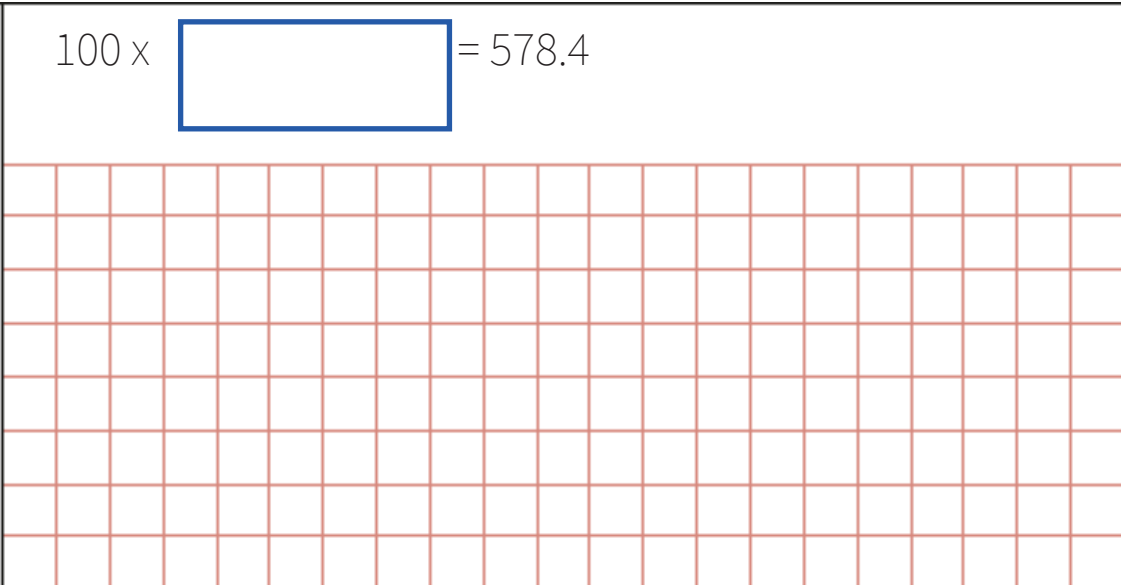
$$\begin{array}{r} 563 \\ \times 9 \\ \hline \end{array}$$



1 mark

6

$100 \times \boxed{} = 578.4$



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. $1.38 + 3.48 = \mathbf{4.86}$ (M)

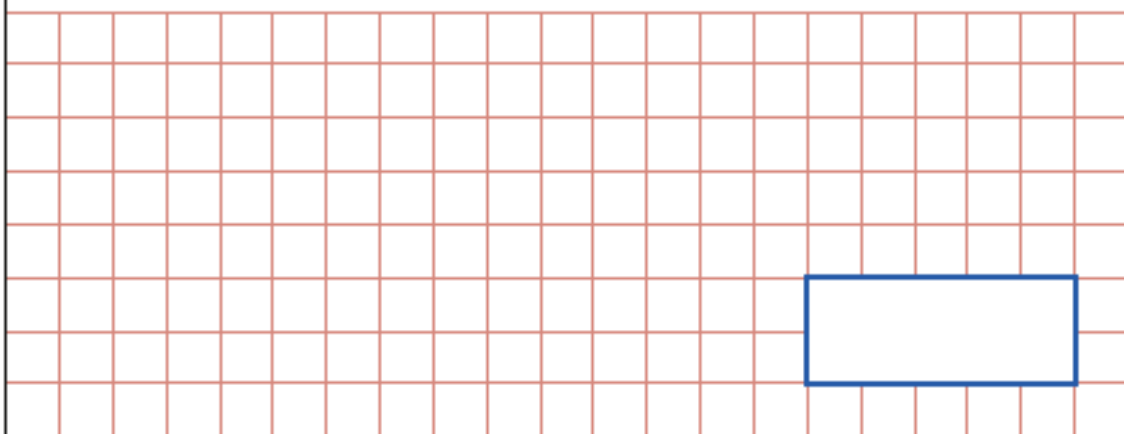
2. $98.384 + 12.843 = \mathbf{111.227}$ (W)

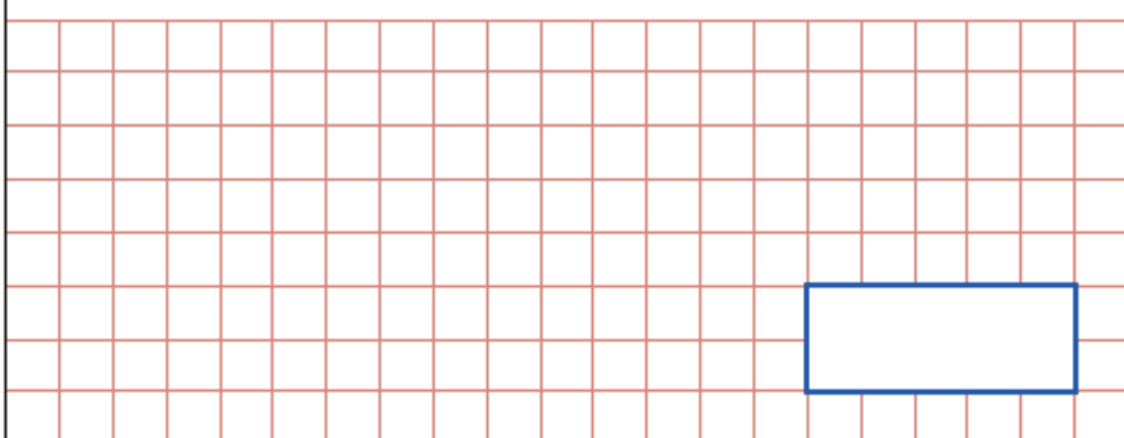
3. $65\% \times 120 = \mathbf{78}$ (M)

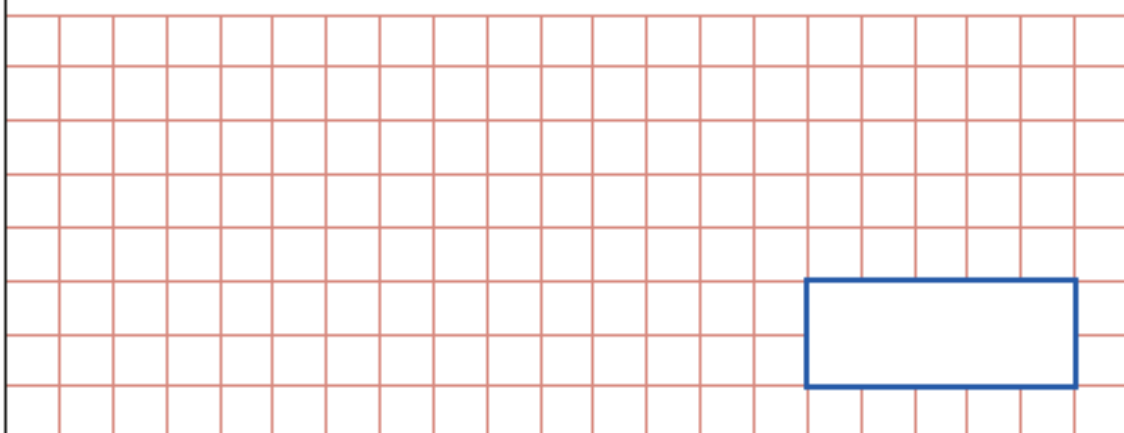
4. $64 \times 4 = \mathbf{256}$ (M)

5. $563 \times 9 = \mathbf{5,067}$ (W)

6. $100 \times \mathbf{5.784} = 578.4$ (M)

1	$\frac{3}{5} \times 50 =$ 	<input data-bbox="1364 705 1444 795" type="checkbox"/> 1 mark
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2	$984.32 - 183.84 =$ 	<input data-bbox="1364 1332 1444 1422" type="checkbox"/> 1 mark
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3	$12\% \text{ of } 40 =$ 	<input data-bbox="1364 1960 1444 2049" type="checkbox"/> 1 mark
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4

$$110 \div 11 =$$

1 mark

5

$$674 \div 13 =$$

2 marks

6

$$5.6 \div 0.8 =$$

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. $\frac{3}{5} \times 50 = \mathbf{30}$ (M)

2. $984.32 - 183.84 = \mathbf{800.48}$ (W)

3. 12% of 40 = **4.8** (M)

4. $110 \div 11 = \mathbf{10}$ (M)

5. $674 \div 13 = \mathbf{51 \text{ r } 11}$ (W)

6. $5.6 \div 0.8 = \mathbf{7}$ (M)