

# Fluent in Five

Daily Arithmetic Practice  
Week 10

Year 6


## Year 6 - Week 10


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, pupils continue to receive 6 questions each day.

- Questions which involve the order of operations are introduced.
- Questions recap on mental multiplication, division, addition and subtraction content from the previous 9 weeks.
- Pupils are also introduced to the mental division of decimals by decimals for the first time.
- Pupils are introduced to the addition and subtraction of fractions where the denominators are not the same. For the next few weeks, these questions will only require a single conversion.
- Written questions continue to focus on addition and subtraction of decimals, together with long and short division and multiplication.

1	$490 \div 7 =$ 	<input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark
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2	$675.32 - 138.83 =$ 	<input data-bbox="1390 1335 1469 1408" type="checkbox"/> 1 mark
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3	$21 \overline{) 863}$ 	<input data-bbox="1390 1962 1469 2036" type="checkbox"/> 2 marks
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4

$$6 + 3 \times 6 =$$

1 mark

5

$$\frac{1}{3} + \frac{1}{6} =$$

1 mark

6

$$0.6 \div 0.2 =$$

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.  $490 \div 7 = \mathbf{70}$  (M)

2.  $675.32 - 138.83 = \mathbf{536.49}$  (W)

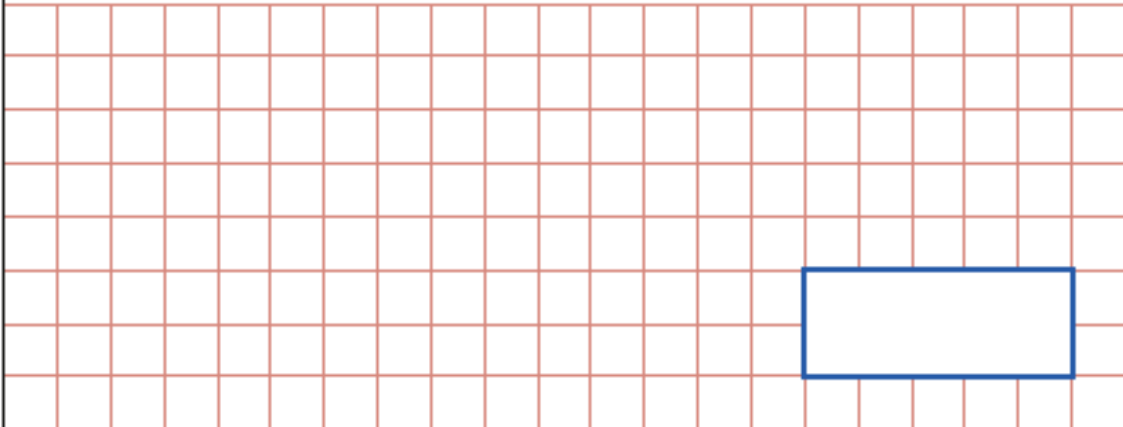
3.  $863 \div 21 = \mathbf{41 \text{ r } 2}$  (W)

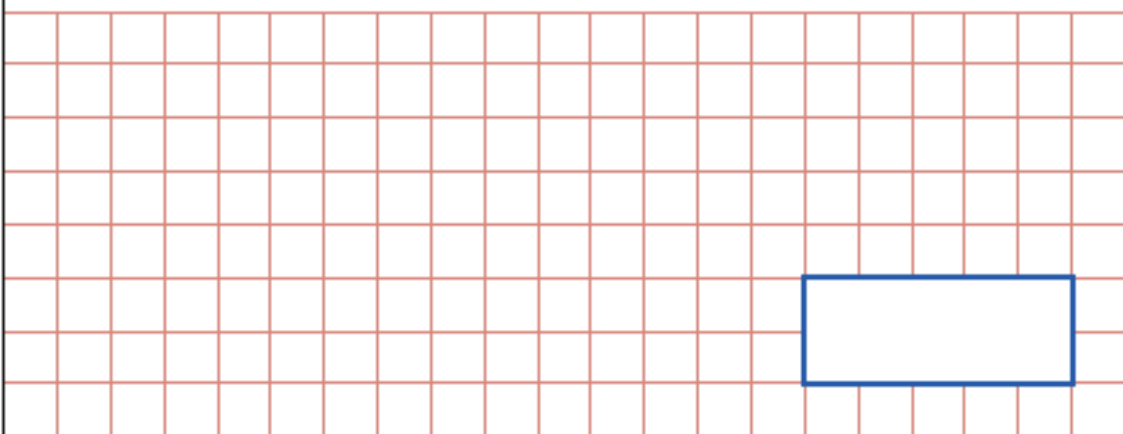
4.  $6 + 3 \times 6 = \mathbf{24}$  (M)

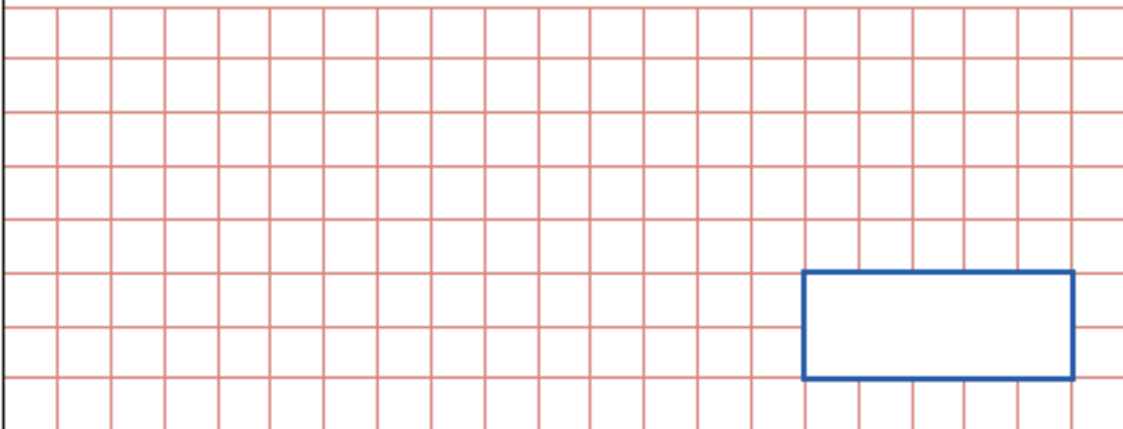
5.  $\frac{1}{3} + \frac{1}{6} = \mathbf{\frac{3}{6}}$  or  $\mathbf{\frac{1}{2}}$  (M)

6.  $0.6 \div 0.2 = \mathbf{3}$  (M)

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

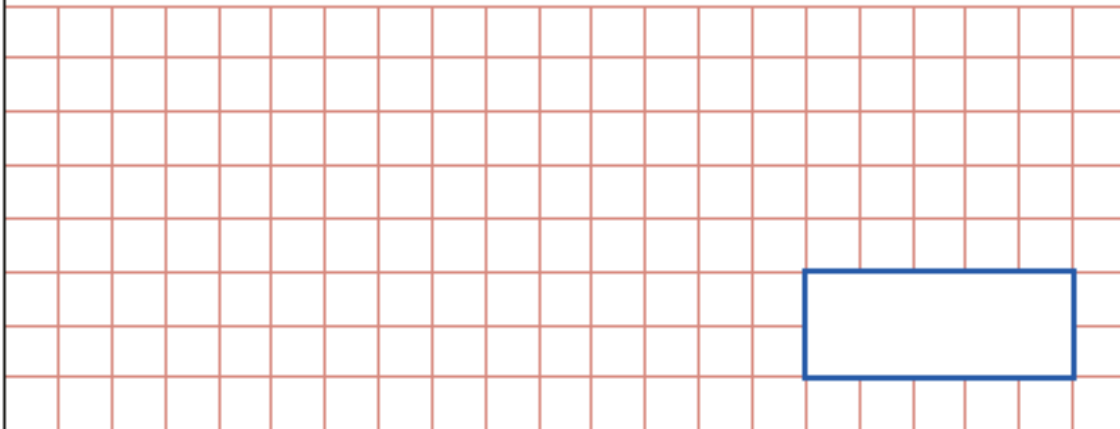
<b>1</b>	$1.2 \div 0.3 =$  <input data-bbox="1029 705 1300 817" type="text"/>	<input data-bbox="1388 705 1468 784" type="checkbox"/> 1 mark
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<b>2</b>	$64 + 130 =$  <input data-bbox="1029 1332 1300 1444" type="text"/>	<input data-bbox="1388 1332 1468 1411" type="checkbox"/> 1 mark
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<b>3</b>	$6 \times 3 - 2 \times 5 =$  <input data-bbox="1029 1960 1300 2072" type="text"/>	<input data-bbox="1388 1960 1468 2038" type="checkbox"/> 1 mark
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4

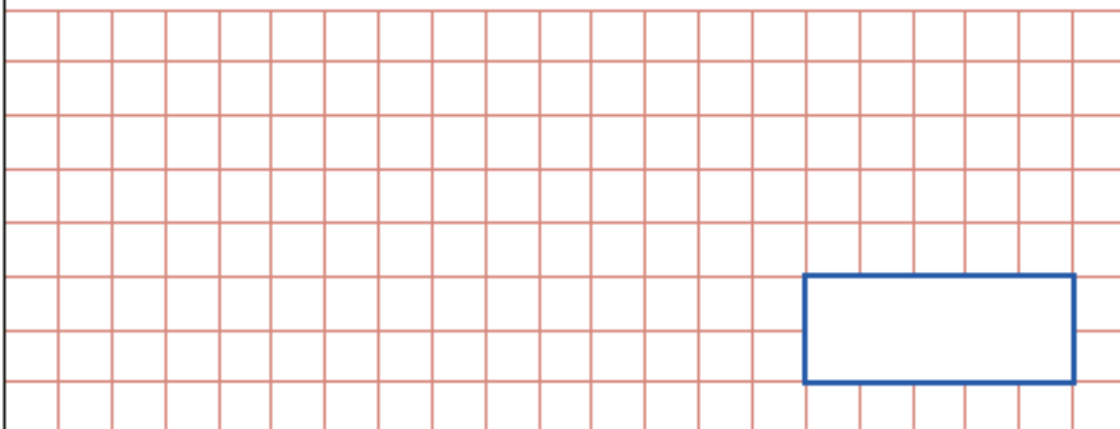
$$874.93 - 384.28 =$$



1 mark

5

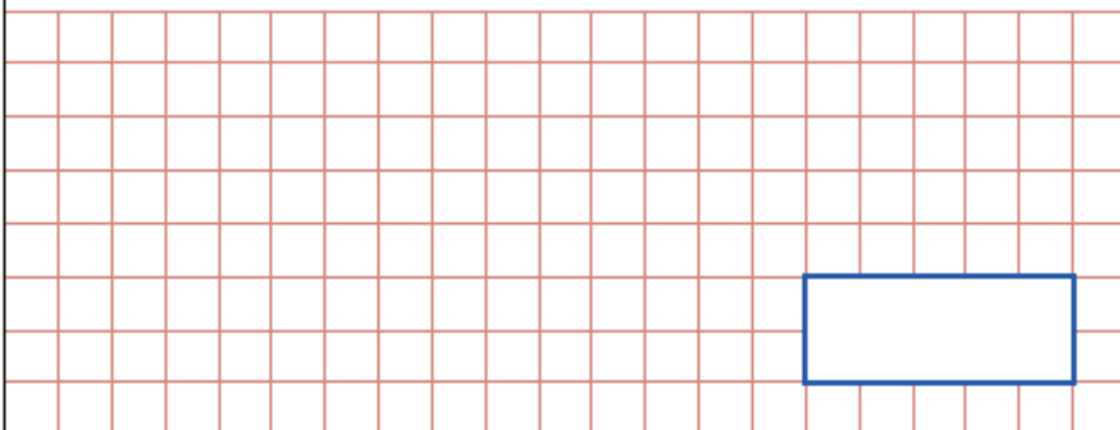
$$5,432 \div 23 =$$



2 marks

6

$$\frac{3}{4} - \frac{1}{8} =$$



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.  $1.2 \div 0.3 = \mathbf{4}$  (M)

2.  $64 + 130 = \mathbf{194}$  (M)

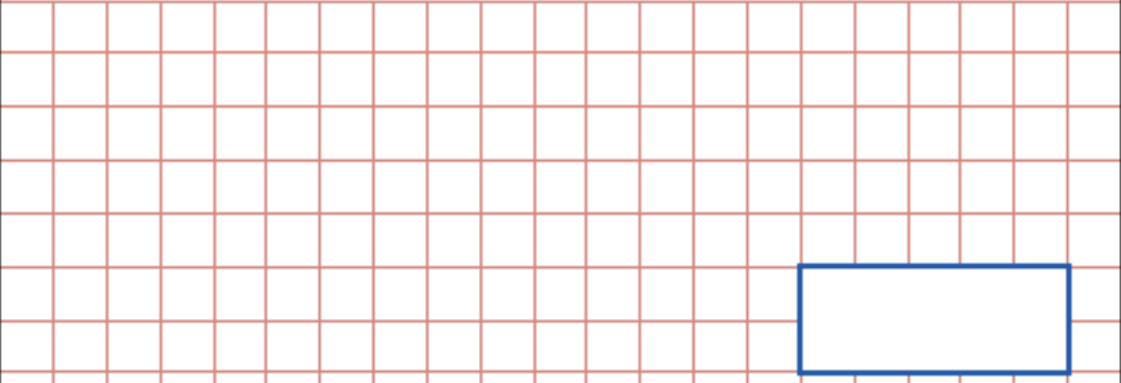
3.  $6 \times 3 - 2 \times 5 = \mathbf{8}$  (M)

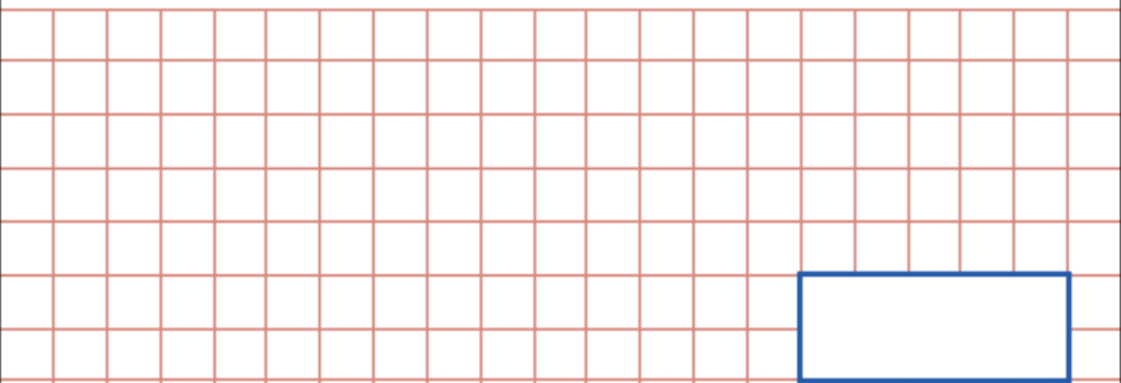
4.  $874.93 - 384.28 = \mathbf{490.65}$  (W)

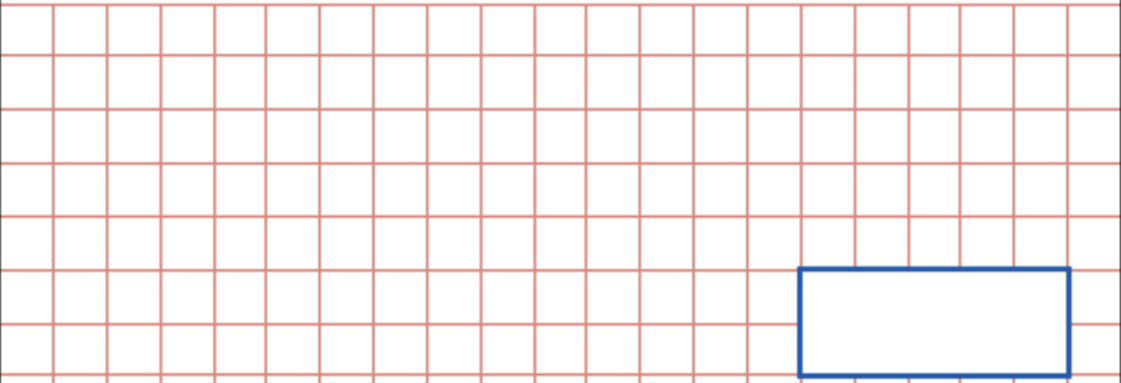
5.  $5,432 \div 23 = \mathbf{236 \text{ r } 4}$  (W)



6.  $\frac{3}{4} - \frac{1}{8} = \frac{\mathbf{5}}{\mathbf{8}}$  (M)

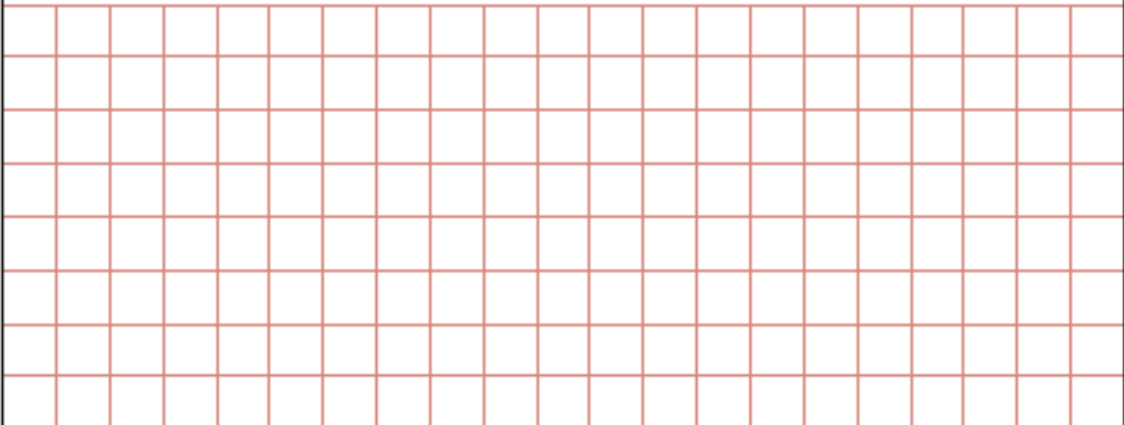
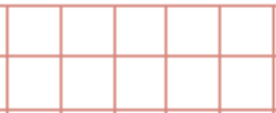





<b>1</b>	$8.4 + 2.3 =$		<input type="checkbox"/> 1 mark
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<b>2</b>	$\frac{6}{10} - \frac{2}{5} =$		<input type="checkbox"/> 1 mark
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<b>3</b>	$4.3 \times 3 =$		<input type="checkbox"/> 1 mark
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4	$456 \div 19 =$ 	 2 marks
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5	$453.21 +$  $= 843.24$ 	 1 mark
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6	$6^2 \times 2 + 3$ 	 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.  $8.4 + 2.3 = \mathbf{10.7}$  (M)

2.  $\frac{6}{10} - \frac{2}{5} = \frac{\mathbf{2}}{\mathbf{10}}$  or  $\frac{\mathbf{1}}{\mathbf{5}}$  (M)

3.  $4.3 \times 3 = \mathbf{12.9}$  (M)

4.  $456 \div 19 = \mathbf{24}$  (W)

5.  $453.21 + \mathbf{390.03} = 843.24$  (W)

6.  $6^2 \times 2 + 3 = \mathbf{75}$  (M)

1       $780 \div 100 =$

1 mark

2

$$\begin{array}{r} 94 \\ \times 23 \\ \hline \end{array}$$

2 marks

3       $(3 + 8) \times 3 + 2 =$

1 mark

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4

$+ 84.32 = 193.22$

1 mark

5

$8.1 \div 0.9 =$

1 mark

6

$\frac{3}{5} \times 5 =$

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.  $780 \div 100 = \mathbf{7.8}$  (M)

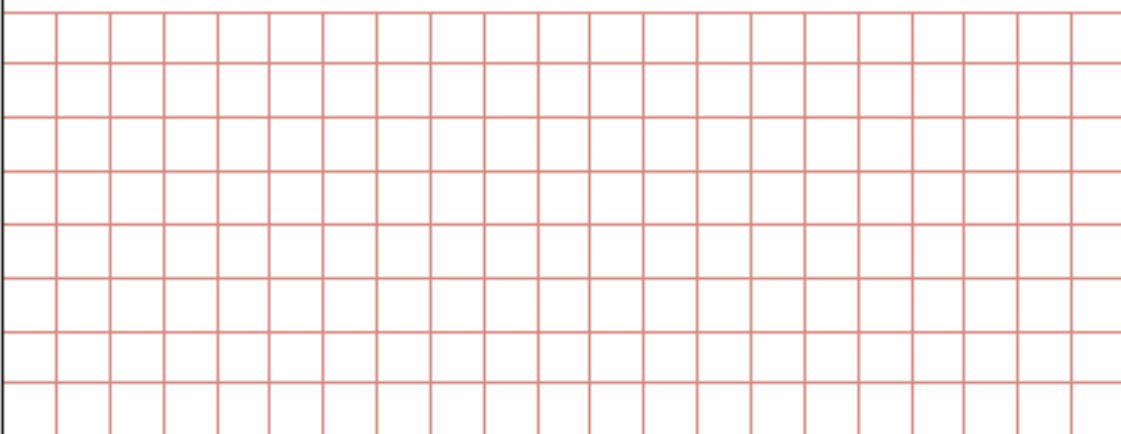
2.  $94 \times 23 = \mathbf{2,162}$  (W)

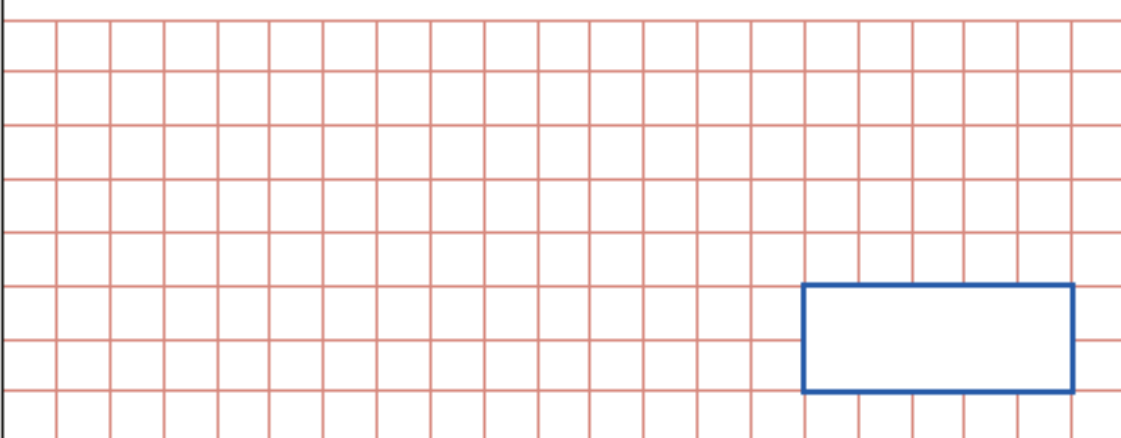
3.  $(3 + 8) \times 3 + 2 = \mathbf{35}$  (M)

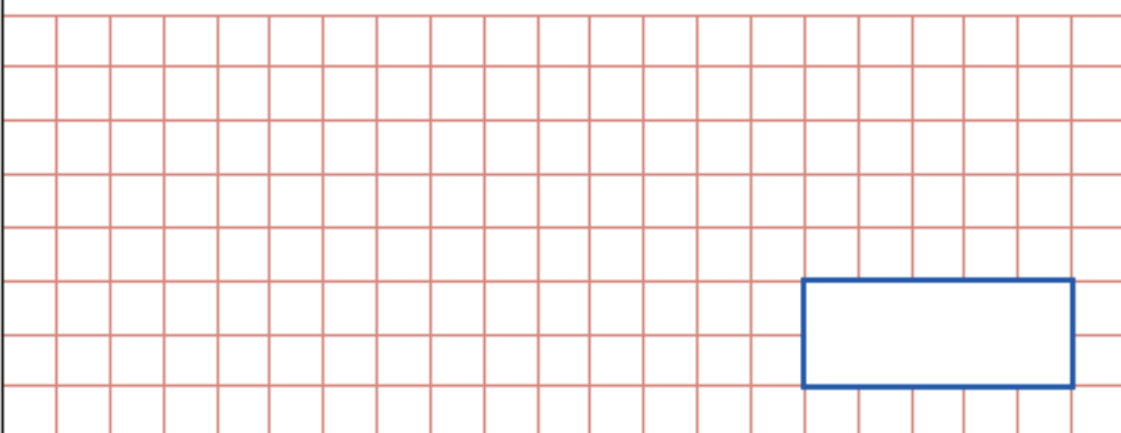
4.  $\mathbf{108.9} + 84.32 = 193.22$  (W)

5.  $8.1 \div 0.9 = \mathbf{9}$  (M)

6.  $\frac{3}{5} \times 5 = \frac{\mathbf{15}}{\mathbf{5}}$  or  $\mathbf{3}$  (M)

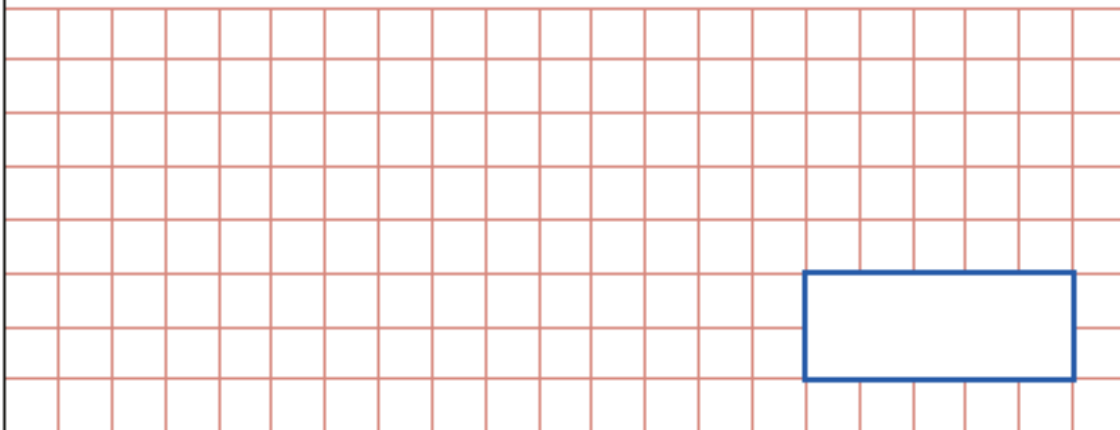
1	$81 \times 2 =$ 	<input data-bbox="1364 705 1444 795" type="checkbox"/> 1 mark
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2	$3^3 + 8 \times 2 =$ 	<input data-bbox="1364 1332 1444 1422" type="checkbox"/> 1 mark
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3	$43 \times 32 =$ 	<input data-bbox="1364 1960 1444 2049" type="checkbox"/> 2 marks
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4

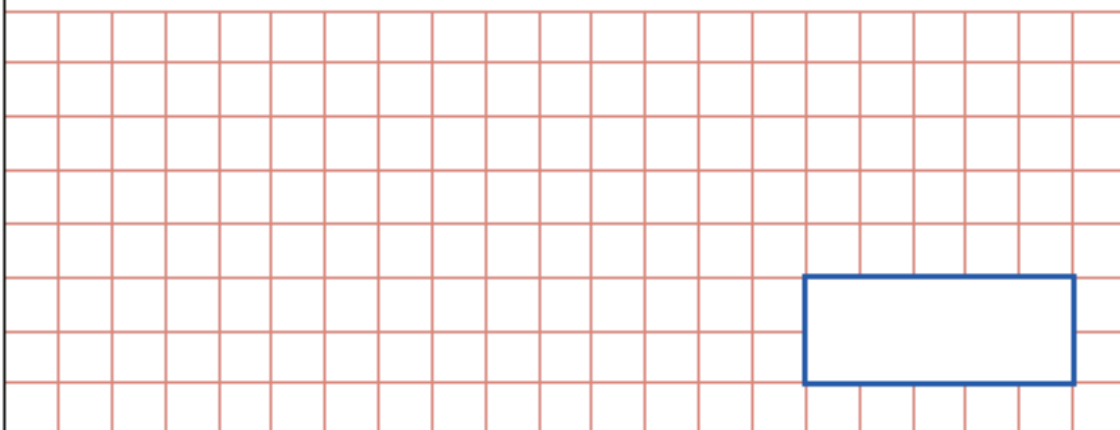
$$654.85 - 84.89 =$$



1 mark

5

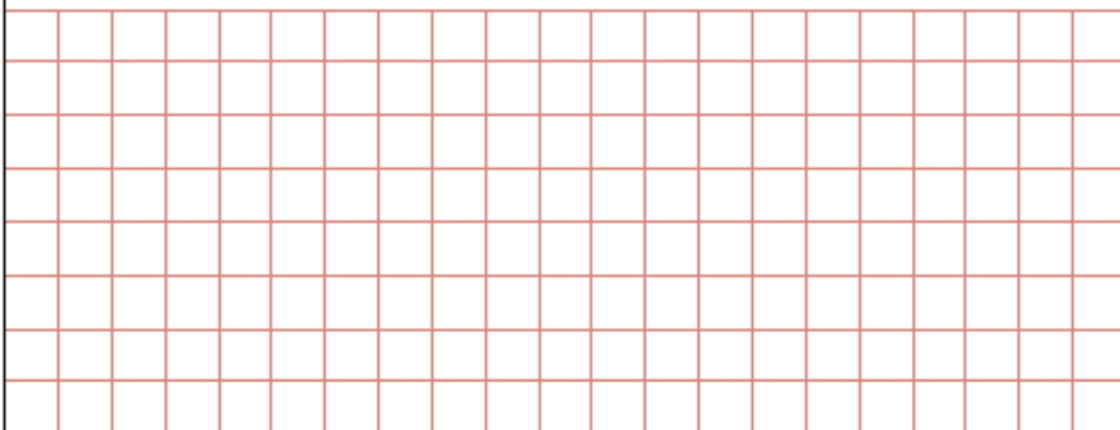
$$0.49 \div 0.07 =$$



1 mark

6

$$54 \times \boxed{\phantom{000}} = 0$$



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.  $81 \times 2 = \mathbf{162}$  (M)

2.  $3^3 + 8 \times 2 = \mathbf{43}$  (M)

3.  $43 \times 32 = \mathbf{1,376}$  (W)

4.  $654.85 - 84.89 = \mathbf{569.96}$  (W)

5.  $0.49 \div 0.07 = \mathbf{7}$  (M)

6.  $54 \times \mathbf{0} = \mathbf{0}$  (M)