

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.

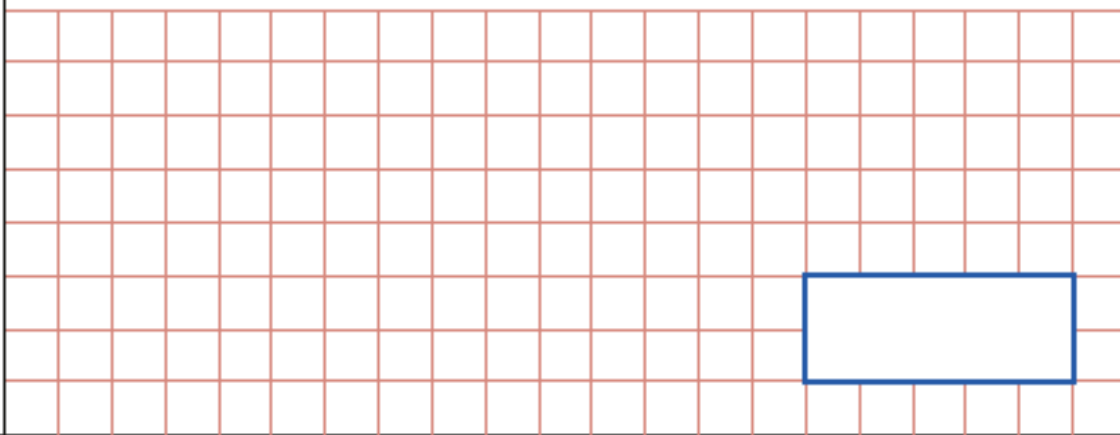
1	$490 \div 7 =$ 	<input data-bbox="1390 712 1469 792" type="checkbox"/> 1 mark
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2	$675.32 - 138.83 =$ 	<input data-bbox="1390 1335 1469 1415" type="checkbox"/> 1 mark
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3	$21 \overline{) 863}$ 	<input data-bbox="1390 1962 1469 2042" type="checkbox"/> 2 marks
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4

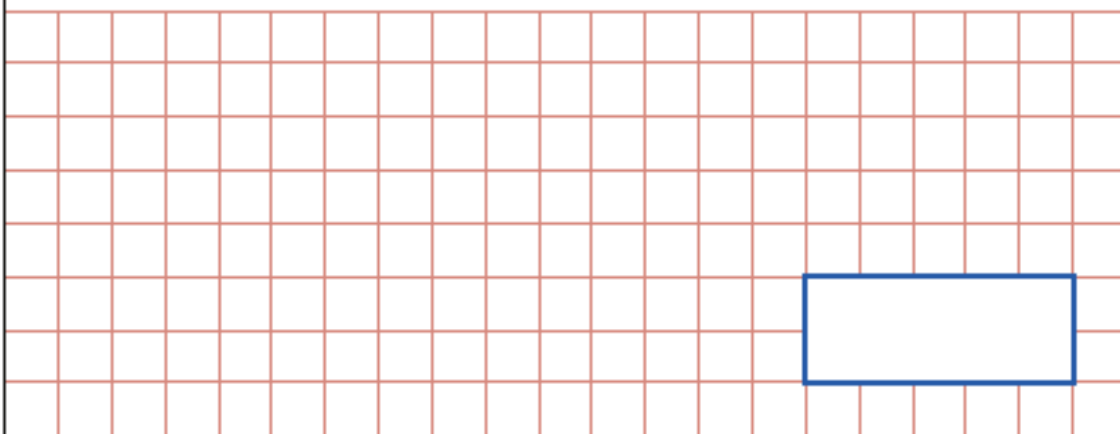
$$6 + 3 \times 6 =$$



1 mark

5

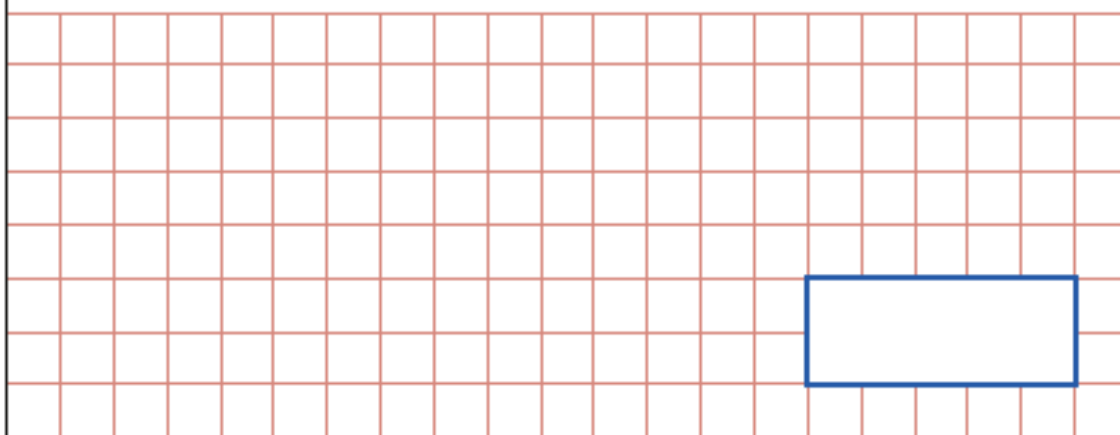
$$\frac{1}{3} + \frac{1}{6} =$$



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)

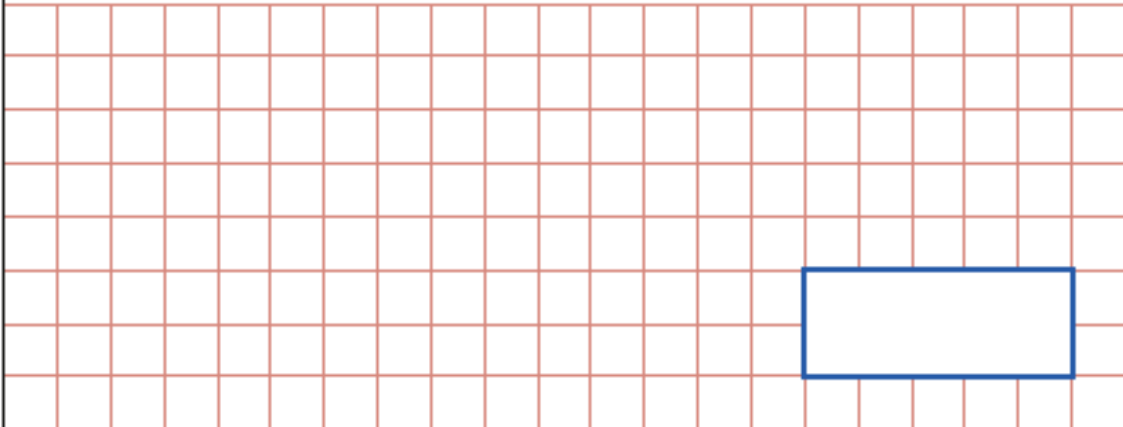
3. $863 \div 21 = \mathbf{41 \text{ r } 2}$ (W)

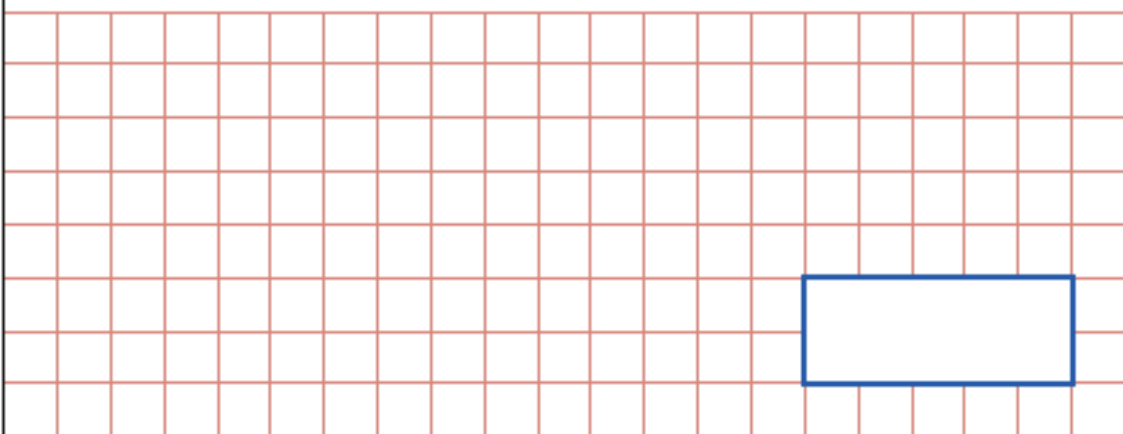
4. $6 + 3 \times 6 = \mathbf{24}$ (M)

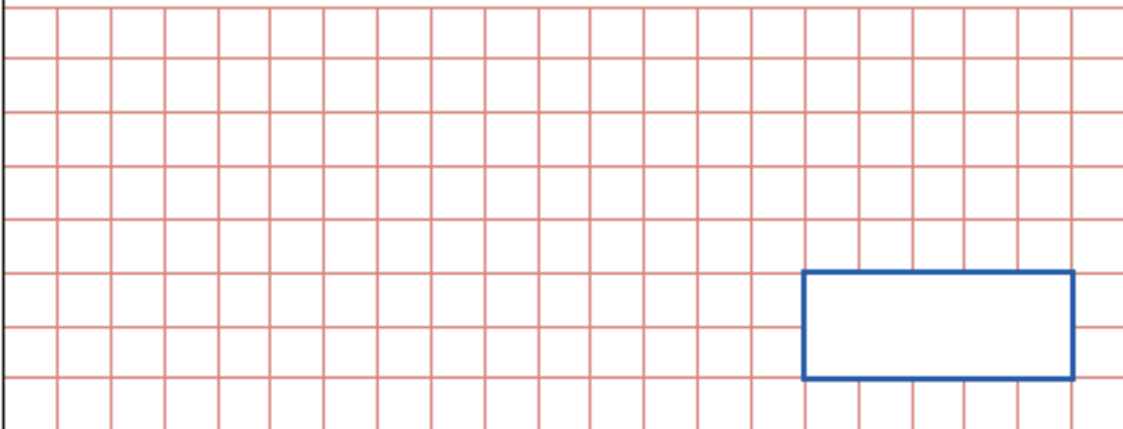
5. $\frac{1}{3} + \frac{1}{6} = \mathbf{\frac{3}{6}}$ or $\mathbf{\frac{1}{2}}$ (M)

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

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

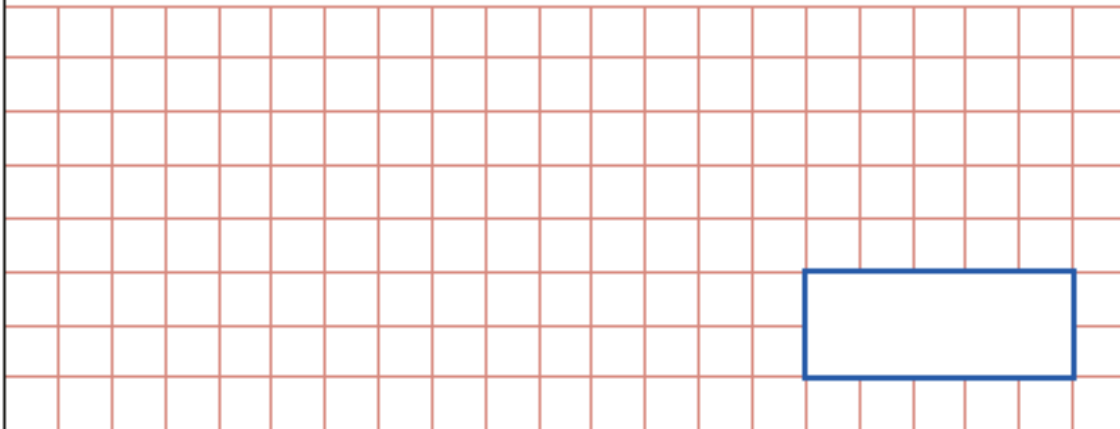
1	$1.2 \div 0.3 =$  <input data-bbox="1034 712 1305 824" type="text"/>	<input data-bbox="1390 712 1469 790" type="checkbox"/> 1 mark
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2	$64 + 130 =$  <input data-bbox="1034 1337 1305 1449" type="text"/>	<input data-bbox="1390 1337 1469 1415" type="checkbox"/> 1 mark
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3	$6 \times 3 - 2 \times 5 =$  <input data-bbox="1034 1962 1305 2074" type="text"/>	<input data-bbox="1390 1962 1469 2040" type="checkbox"/> 1 mark
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4

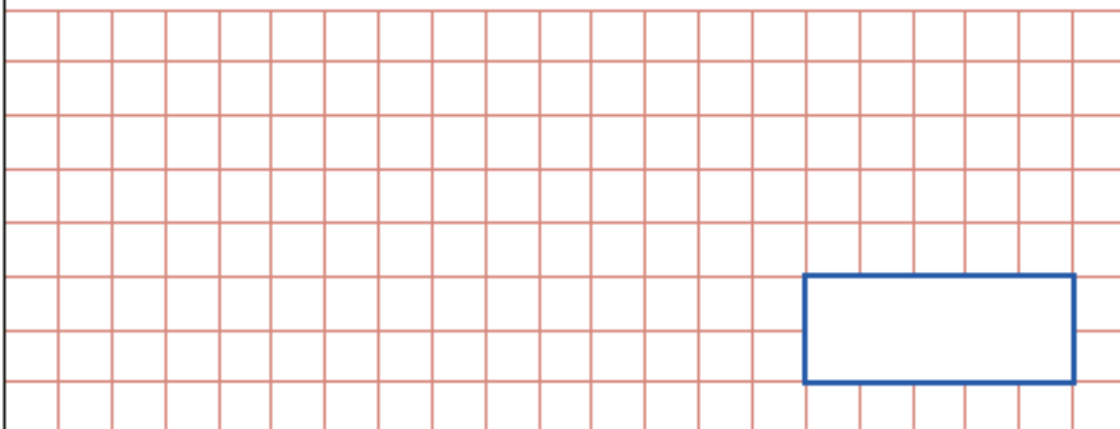
$$874.93 - 384.28 =$$



1 mark

5

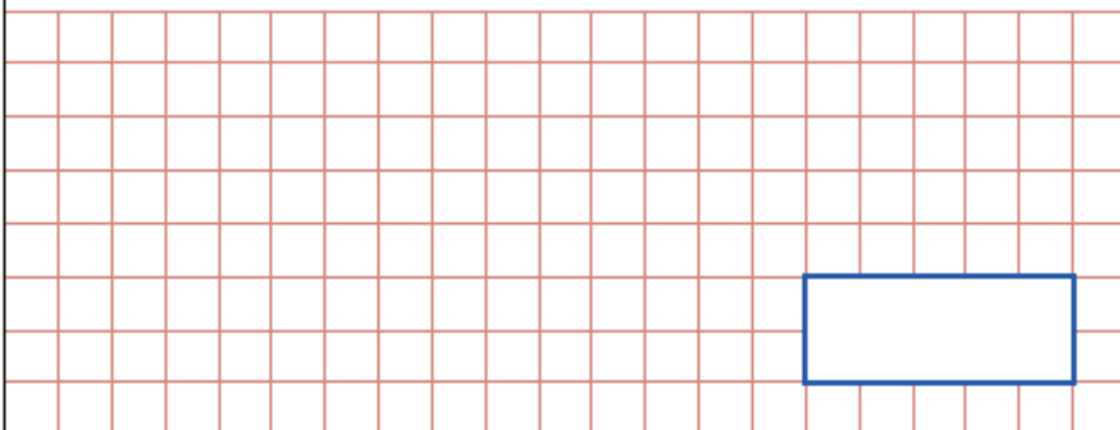
$$5,432 \div 23 =$$



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)

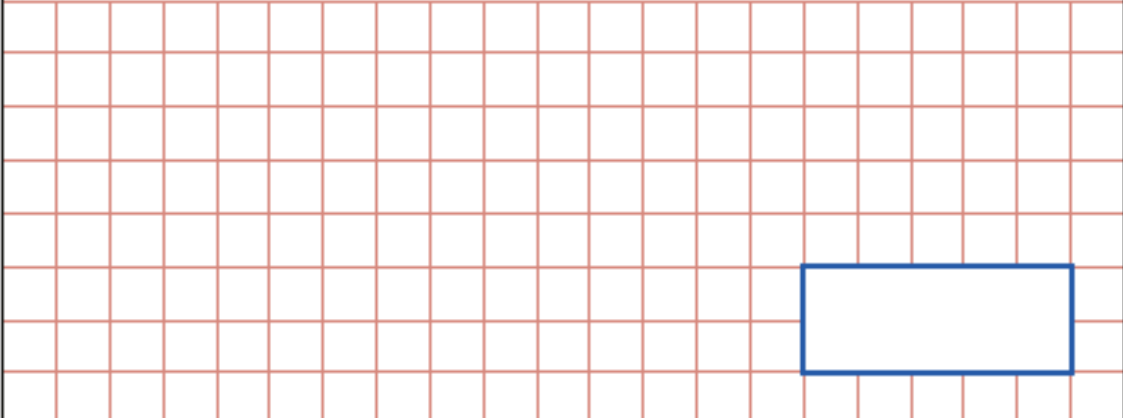
2. $64 + 130 = \mathbf{194}$ (M)


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


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


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

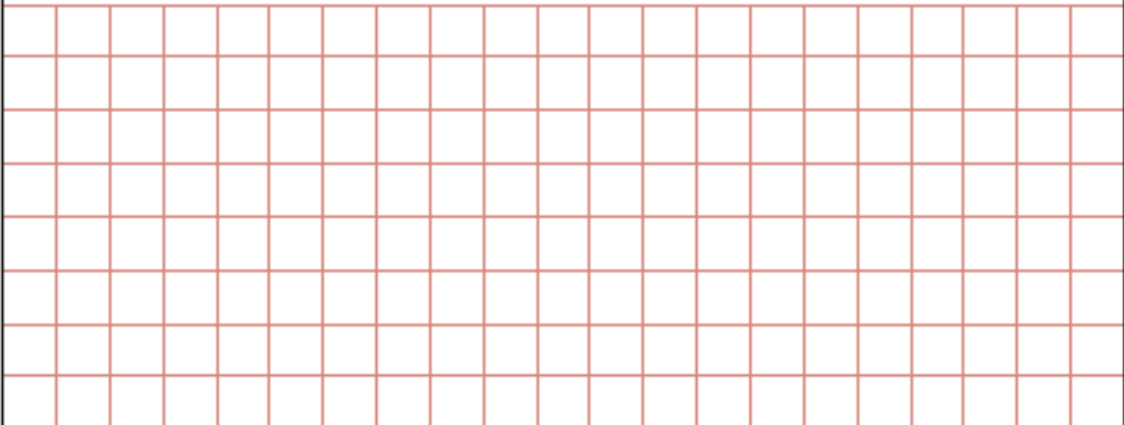
6. $\frac{3}{4} - \frac{1}{8} = \frac{\mathbf{5}}{\mathbf{8}}$ (M)


1	$8.4 + 2.3 =$ 	<input data-bbox="1390 719 1466 797" type="checkbox"/> 1 mark
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2	$\frac{6}{10} - \frac{2}{5} =$ 	<input data-bbox="1390 1341 1466 1420" type="checkbox"/> 1 mark
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3	$4.3 \times 3 =$ 	<input data-bbox="1390 1964 1466 2042" type="checkbox"/> 1 mark
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4	$456 \div 19 =$ 	<input data-bbox="1390 703 1469 779" type="checkbox"/> 2 marks
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5	$453.21 + \boxed{} = 843.24$ 	<input data-bbox="1390 1328 1469 1404" type="checkbox"/> 1 mark
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6	$6^2 \times 2 + 3$ 	<input data-bbox="1390 1951 1469 2027" 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. $8.4 + 2.3 = \mathbf{10.7}$ (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

Fluent in Five - Year 6
Week 10 - Day 4

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)

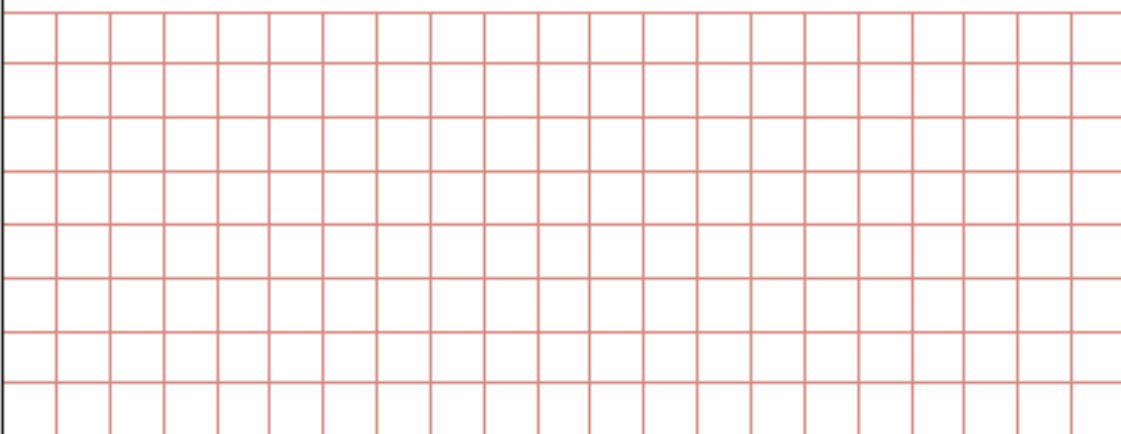
2. $94 \times 23 = \mathbf{2,162}$ (W)

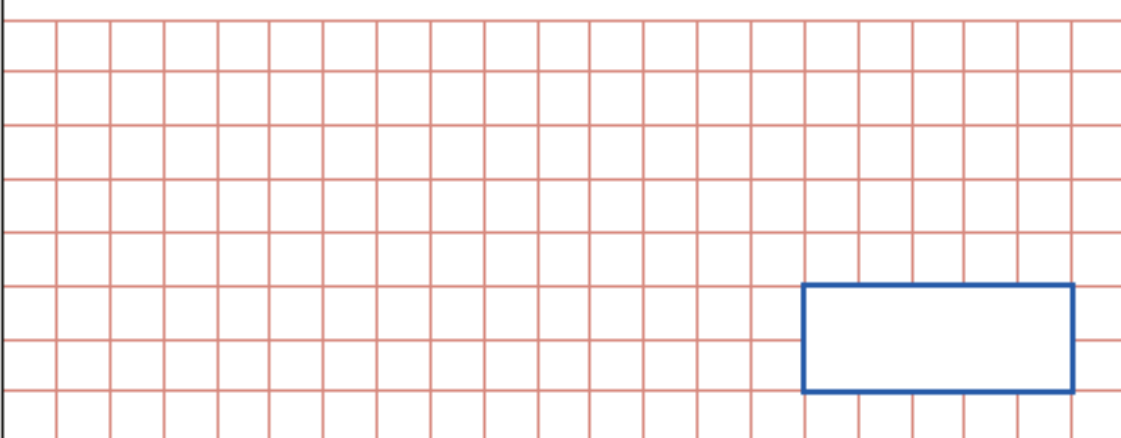
3. $(3 + 8) \times 3 + 2 = \mathbf{35}$ (M)

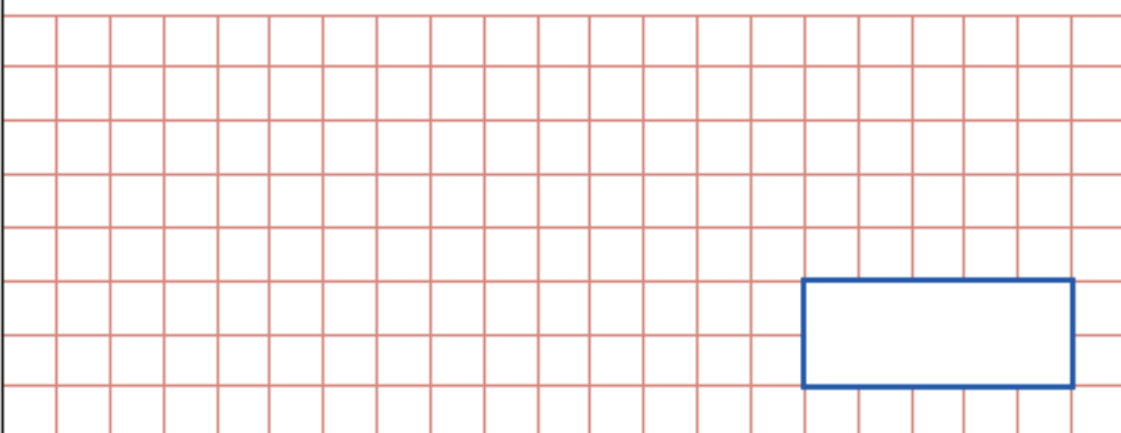
4. $\mathbf{108.9} + 84.32 = 193.22$ (W)

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

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

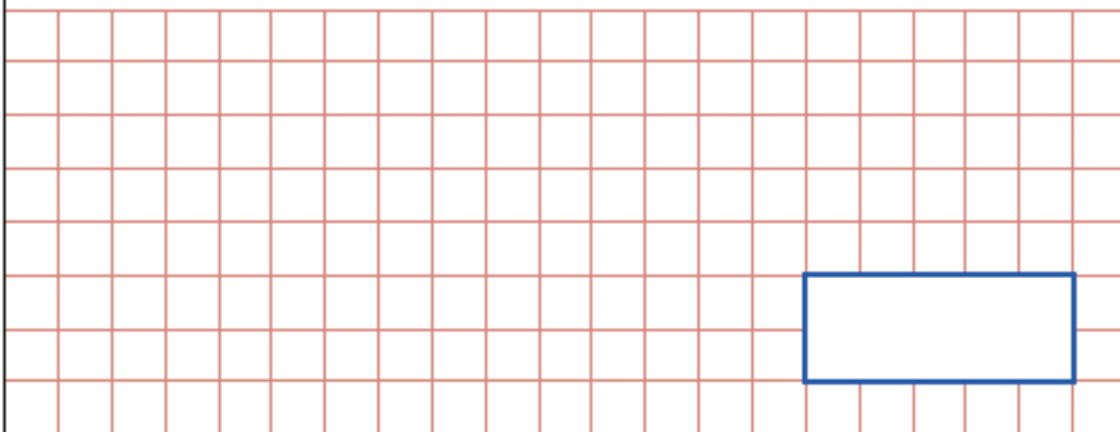
1	$81 \times 2 =$ 	<input data-bbox="1364 705 1444 795" type="checkbox"/> 1 mark
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2	$3^3 + 8 \times 2 =$ 	<input data-bbox="1364 1332 1444 1422" type="checkbox"/> 1 mark
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3	$43 \times 32 =$ 	<input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

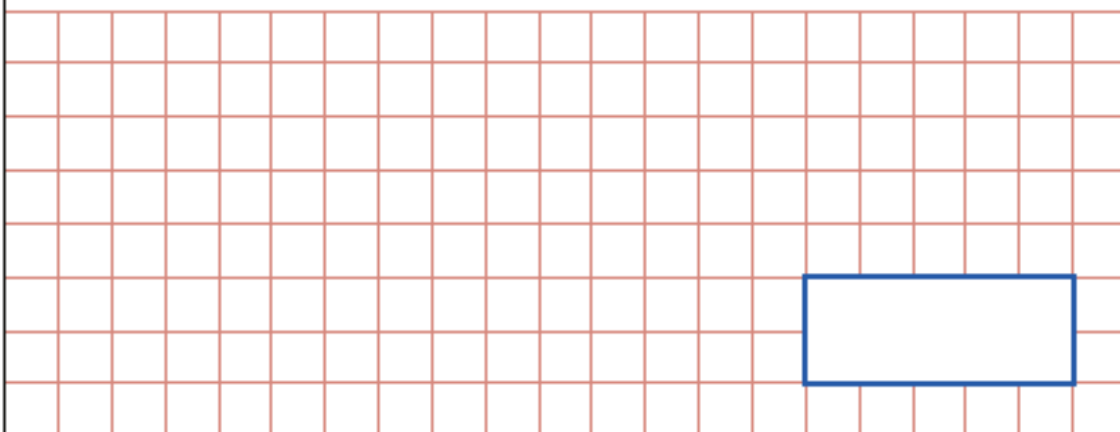
$$654.85 - 84.89 =$$



1 mark

5

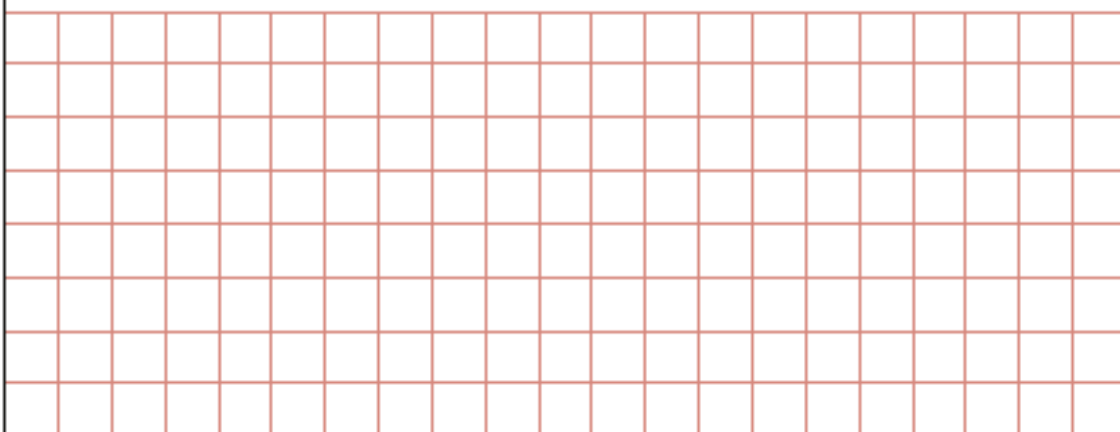
$$0.49 \div 0.07 =$$



1 mark

6

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



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)