

# Fluent in Five

Daily Arithmetic Practice  
Week 9

Year 6

## Year 6 - Week 9

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, the number of questions has increased to 6, with 2 of these being questions which require a written method. Pupil's speed of response should have increased over the previous 8 weeks. With this in mind, answering the increased number of questions within 5 minutes should be achievable for most by the end of this week.

- Mental multiplication, division, addition and subtraction content from the previous 8 weeks is recapped.
- Pupils are introduced to cubed numbers for the first time.
- Pupils are introduced to long division questions (which always carry 2 marks).
- The addition and subtraction of decimals using a formal written method is also introduced.

1	<div data-bbox="277 300 552 412" style="border: 1px solid blue; width: 172px; height: 50px; display: inline-block;"></div> $\times 100 = 67,432 =$
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A large grid area for working out the multiplication problem.

2	$345 \div 13 =$
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A large grid area for working out the division problem.

3	$\frac{1}{3} \times \frac{1}{3} =$
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A large grid area for working out the multiplication of fractions problem.

4

$6.53 + 1.34 =$

1 mark

5

$91.32 + 15.84 =$

1 mark

6

$2^3 =$

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. **674.32**  $\times 100 = 67,432$  (M)

2.  $345 \div 13 = \mathbf{26 \text{ r } 7}$  (W)

3.  $\frac{1}{3} \times \frac{1}{3} = \mathbf{\frac{1}{9}}$  (M)

4.  $6.53 + 1.34 = \mathbf{7.87}$  (M)

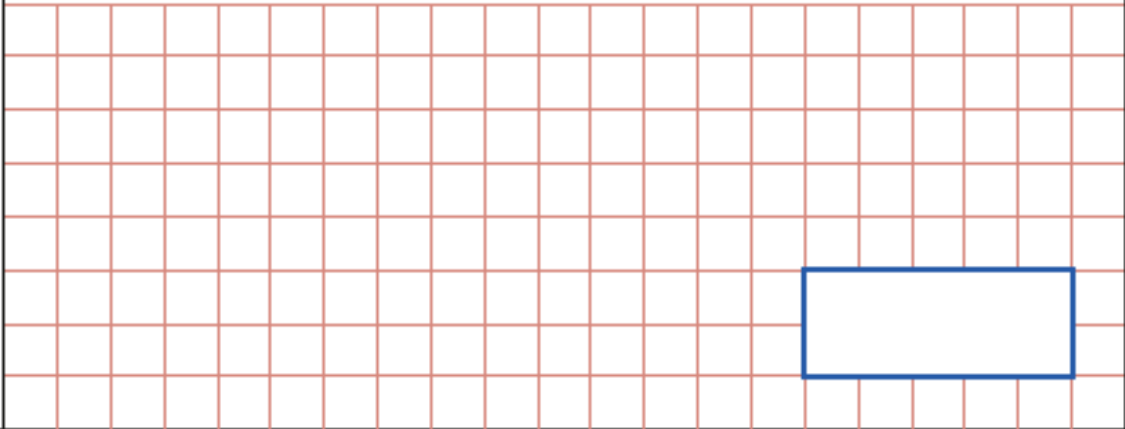
5.  $91.32 + 15.84 = \mathbf{107.16}$  (W)

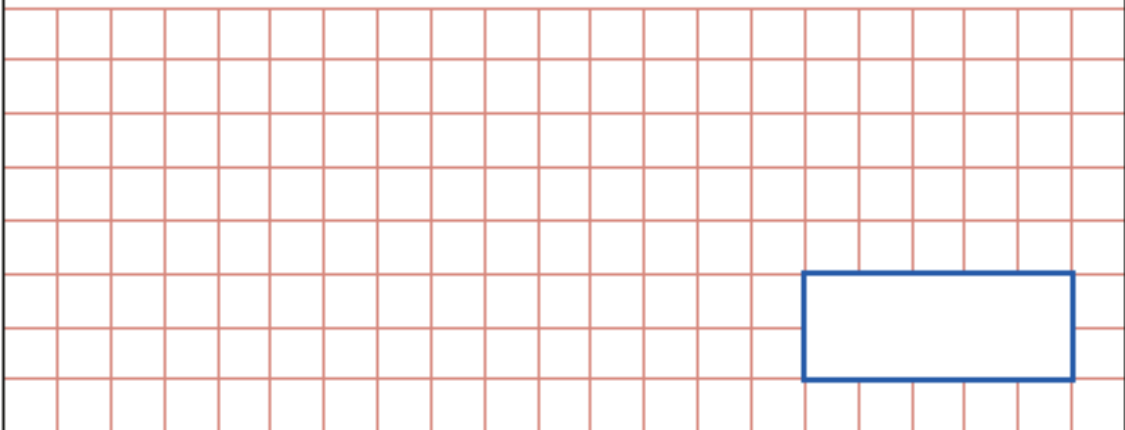
6.  $2^3 = \mathbf{8}$  (M)

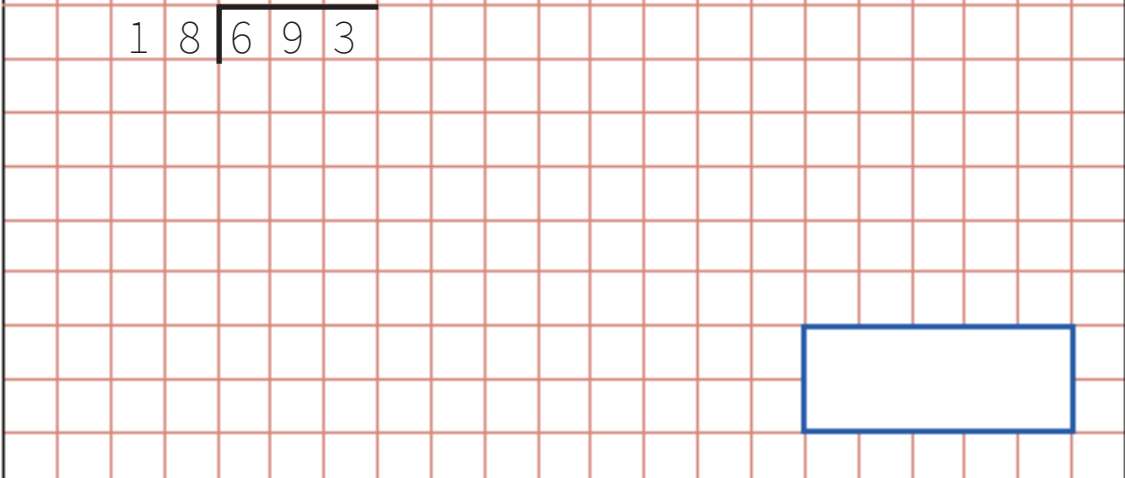
Name.....

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

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

1	$7 \times 9 =$ 	<input data-bbox="1393 712 1469 792" type="checkbox"/> 1 mark
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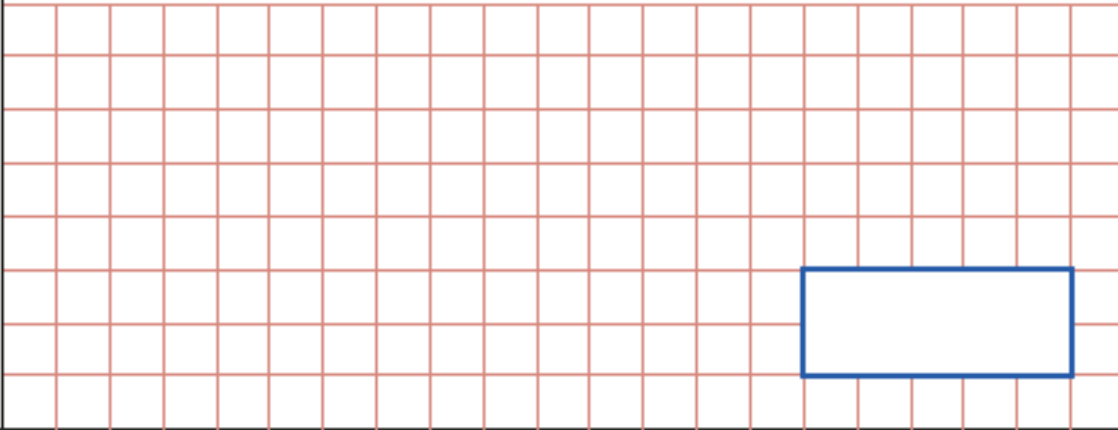
2	$653 \div 100 =$ 	<input data-bbox="1393 1337 1469 1417" type="checkbox"/> 1 mark
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3	$18693$ 	<input data-bbox="1393 1964 1469 2045" type="checkbox"/> 2 marks
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Fluent in Five - Year 6  
Week 9 - Day 2

4

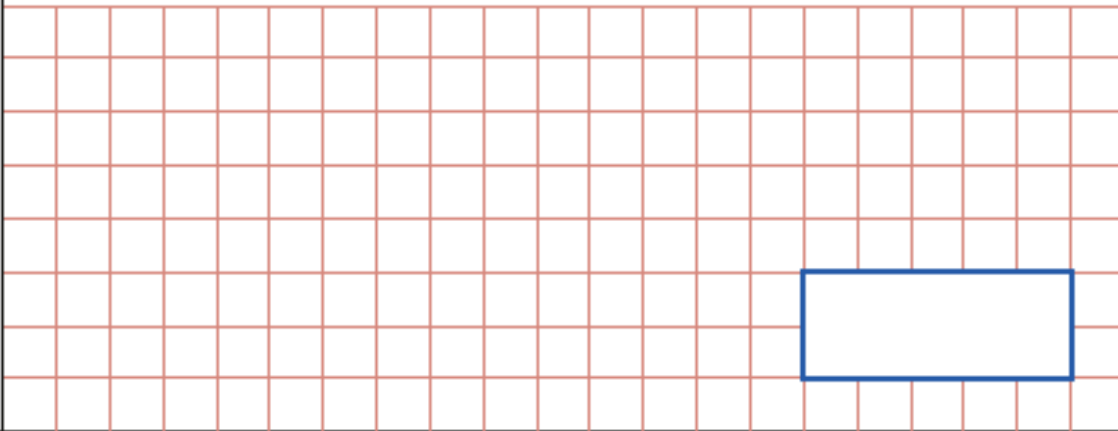
$$\frac{2}{5} \times \frac{1}{3} =$$



1 mark

5

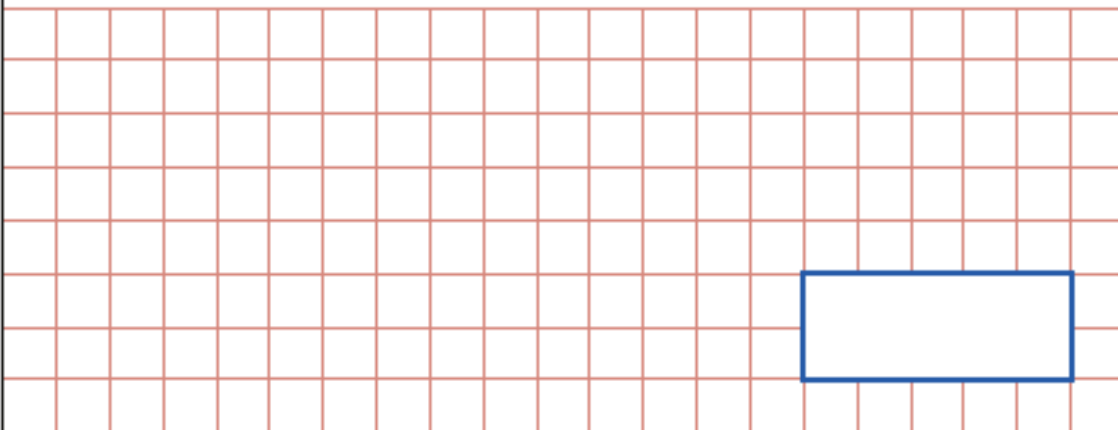
$$4^3 =$$



1 mark

6

$$87.32 + 13.78 =$$



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.  $7 \times 9 = \mathbf{63}$  (M)

2.  $653 \div 100 = \mathbf{6.53}$  (M)

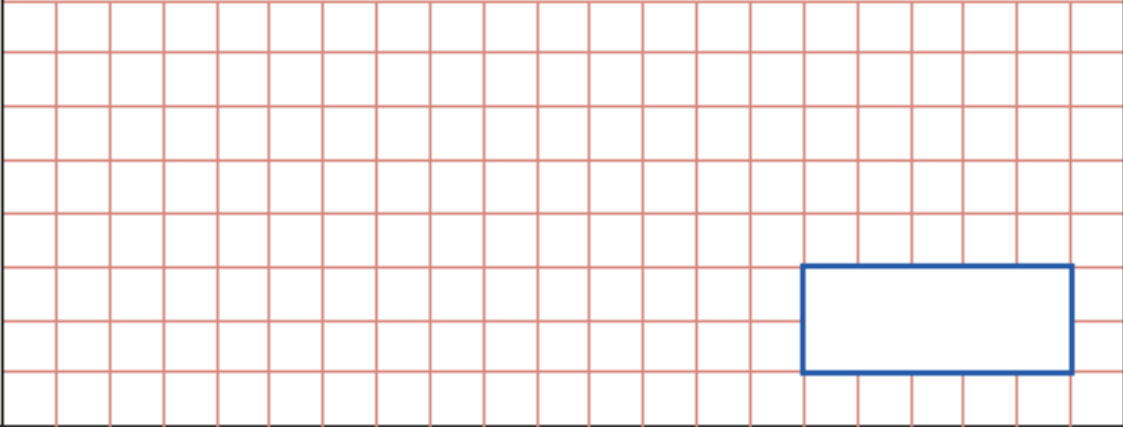
3.  $693 \div 18 = \mathbf{38 \text{ r } 9}$  or  $\mathbf{38 \frac{1}{2}}$  or  $\mathbf{38.5}$  (W)

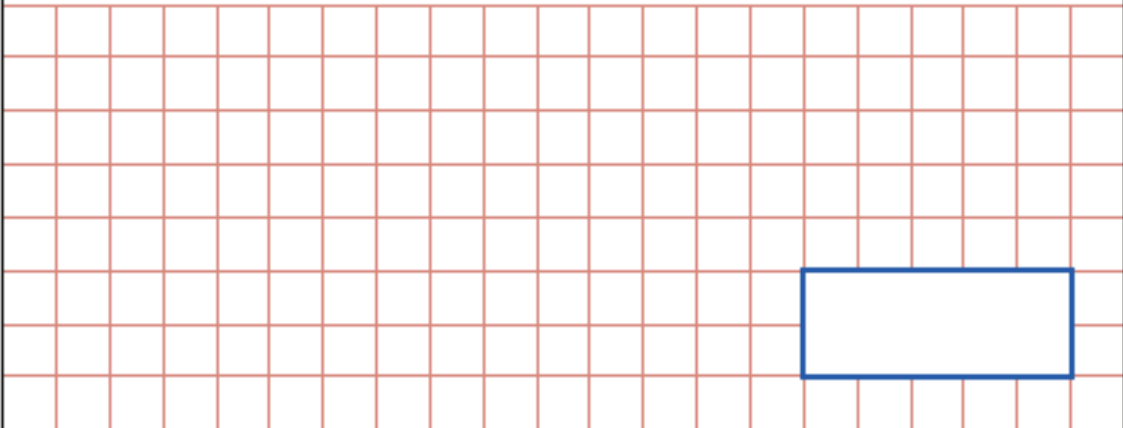
4.  $\frac{2}{5} \times \frac{1}{3} = \frac{\mathbf{2}}{\mathbf{15}}$  (M)

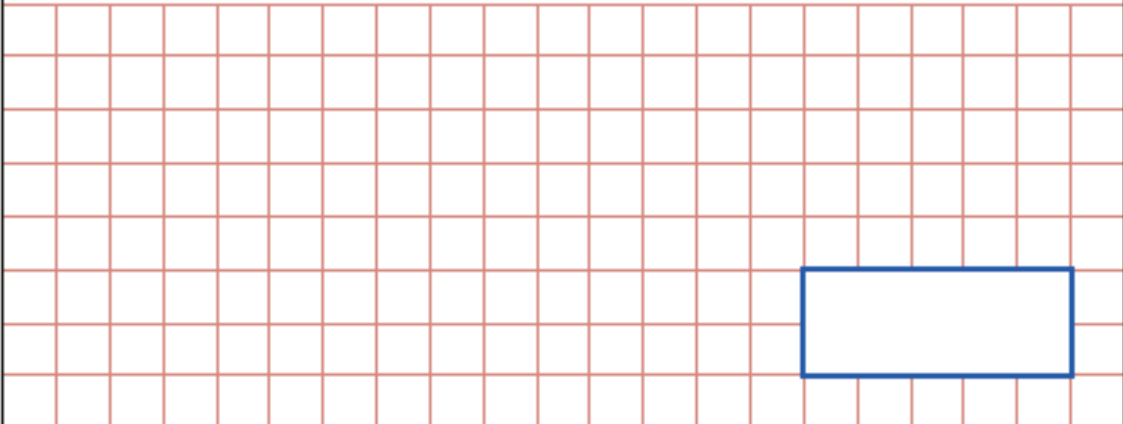
5.  $4^3 = \mathbf{64}$  (M)

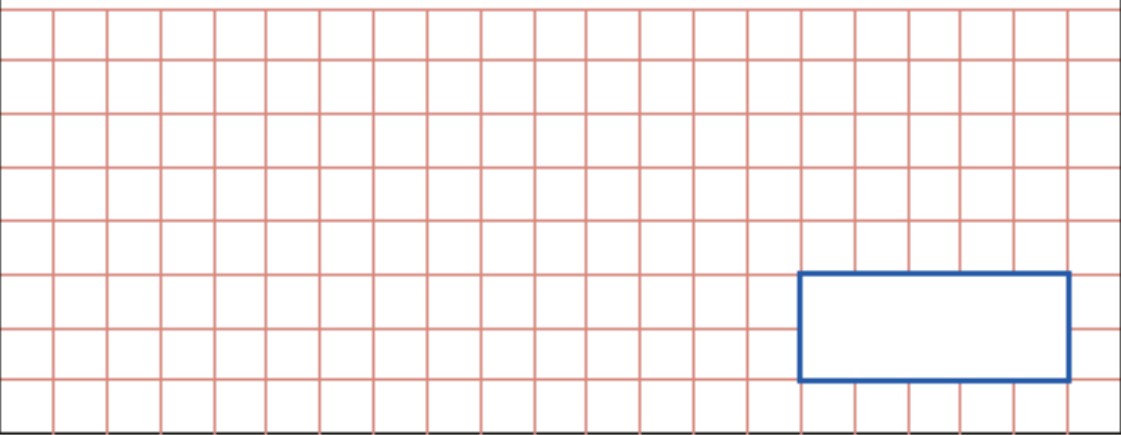
6.  $87.32 + 13.78 = \mathbf{101.1}$  (W)




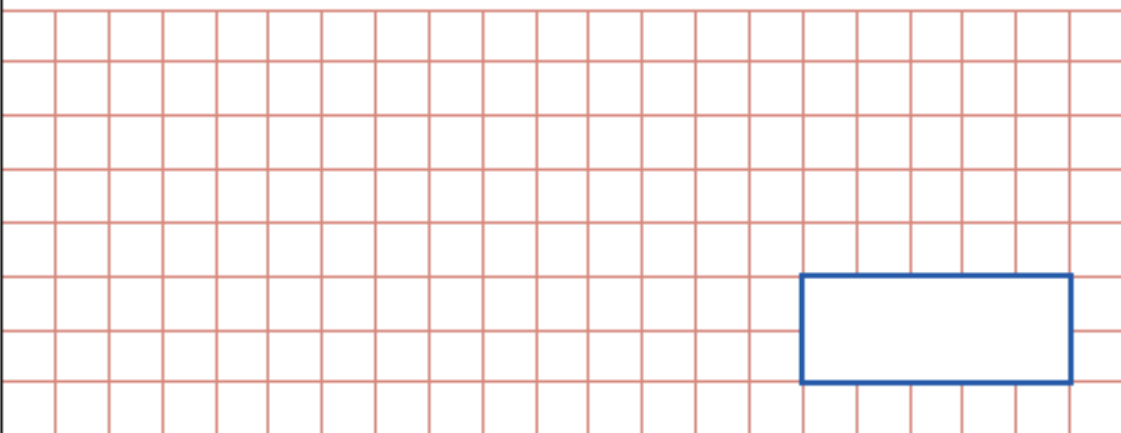
<b>1</b>	$65 + 85 =$ 	<input data-bbox="1390 719 1469 797" type="checkbox"/> 1 mark
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<b>2</b>	$9,932 - 3,876 =$ 	<input data-bbox="1390 1341 1469 1420" type="checkbox"/> 1 mark
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<b>3</b>	$\frac{2}{3} + \frac{2}{3} =$ 	<input data-bbox="1390 1964 1469 2042" type="checkbox"/> 1 mark
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4	$653 \div 21 =$ 	<input data-bbox="1388 705 1468 784" type="checkbox"/> 2 marks
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5	<input data-bbox="279 918 550 1030" type="text"/> + 200 = 860 	<input data-bbox="1388 1332 1468 1411" type="checkbox"/> 1 mark
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6	$\frac{4}{7} \times \frac{1}{2} =$ 	<input data-bbox="1388 1948 1468 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.  $65 + 85 = \mathbf{150}$  (M)

2.  $9,932 - 3,876 = \mathbf{6,056}$  (W)

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

4.  $653 \div 21 = \mathbf{31 \text{ r } 2}$  (W)

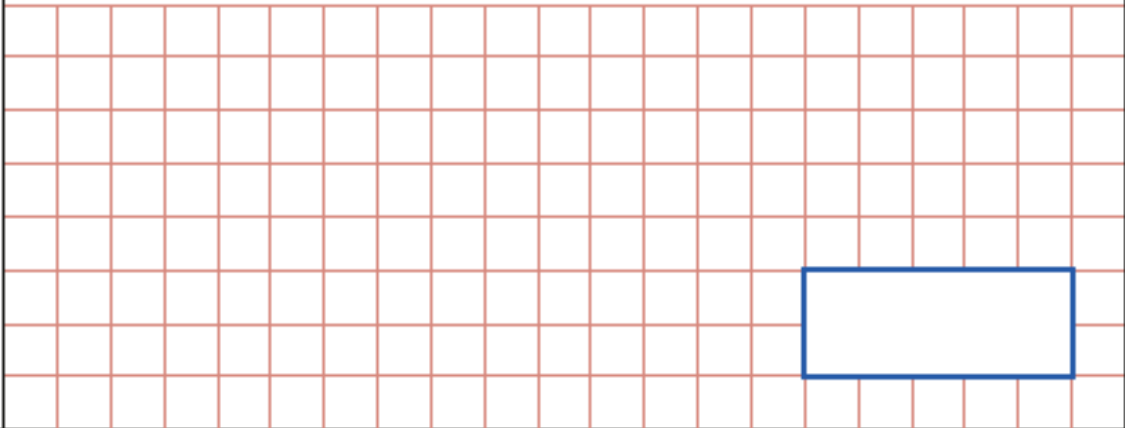
5.  $\mathbf{660} + 200 = 860$  (M)

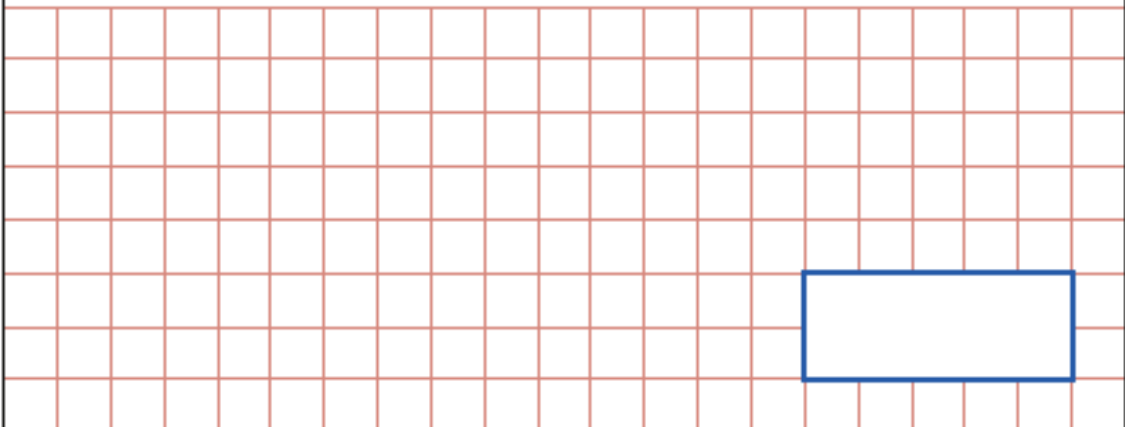
6.  $\frac{4}{7} \times \frac{1}{2} = \frac{\mathbf{4}}{\mathbf{14}}$  (M)

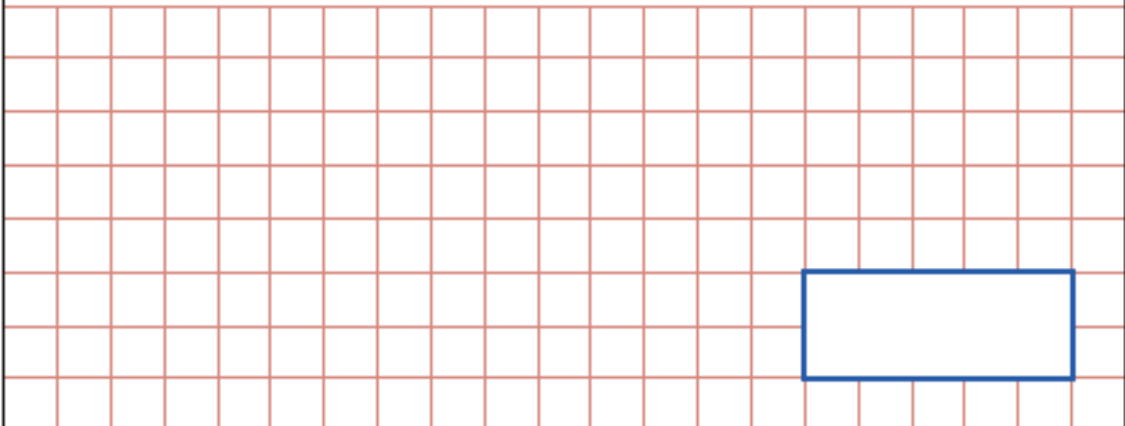
Name.....

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

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

<b>1</b>	$718.12 + 34.67 =$ 	<input data-bbox="1390 696 1469 779" type="checkbox"/> 1 mark
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<b>2</b>	$5.6 + 1.4 =$ 	<input data-bbox="1390 1323 1469 1406" type="checkbox"/> 1 mark
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<b>3</b>	$54 \times 21 =$ 	<input data-bbox="1390 1944 1469 2027" type="checkbox"/> 2 marks
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4

$$983 - 183 =$$

1 mark

5

$$5^3 =$$

1 mark

6

$$\frac{3}{4} \text{ of } 80 =$$

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.  $718.12 + 34.67 = \mathbf{752.79}$  (W)

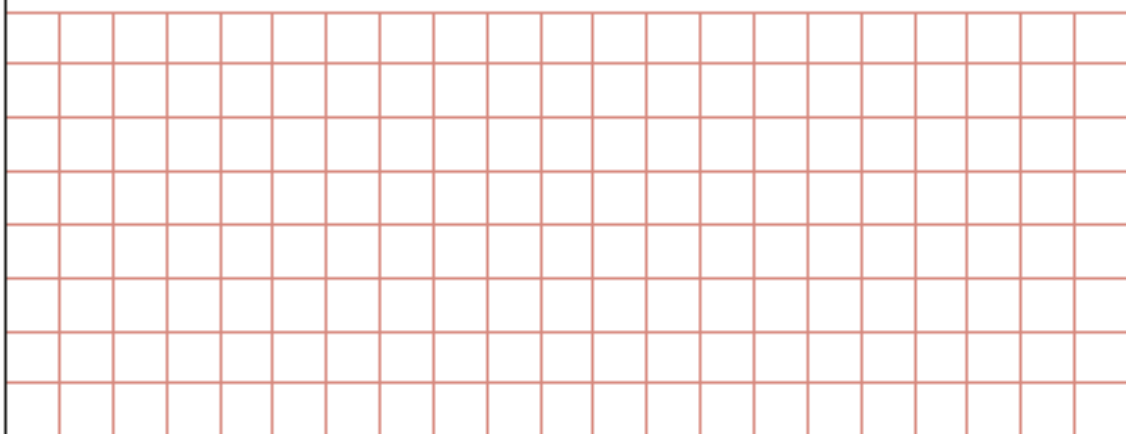
2.  $5.6 + 1.4 = \mathbf{7}$  (M)

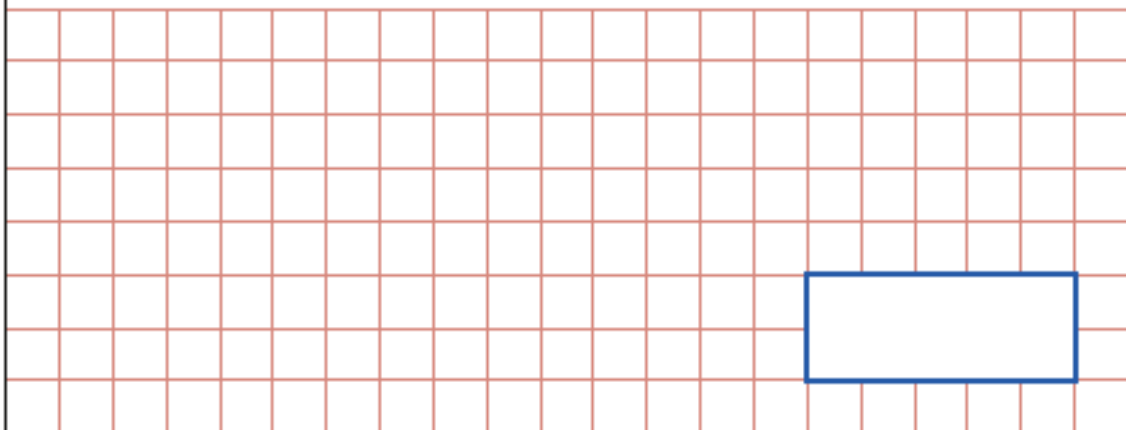
3.  $54 \times 21 = \mathbf{1,134}$  (W)


4.  $983 - 183 = \mathbf{800}$  (M)

5.  $5^3 = \mathbf{125}$  (M)

6.  $\frac{3}{4}$  of 80 =  $\mathbf{60}$  (M)

<b>1</b>	$\frac{2}{5} \times 100 =$ 	<input data-bbox="1369 719 1449 797" type="checkbox"/> 1 mark
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<b>2</b>	$87.321 + 9.943 =$  <input data-bbox="1010 1346 1286 1458" type="text"/>	<input data-bbox="1369 1346 1449 1424" type="checkbox"/> 1 mark
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<b>3</b>	$873 \div 21 =$  <input data-bbox="1010 1973 1286 2085" type="text"/>	<input data-bbox="1369 1973 1449 2051" type="checkbox"/> 1 mark
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4

$$\frac{1}{6} \times \frac{3}{5} =$$

1 mark

5

$$5,652 \times 10$$

1 mark

6

$$60 \times 30 =$$

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.  $\frac{2}{5} \times 100 = \mathbf{40}$  (M)

2.  $87.321 + 9.943 = \mathbf{97.264}$  (W)

3.  $873 \div 21 = \mathbf{41 \text{ r } 12}$  (W)

4.  $\frac{1}{6} \times \frac{3}{5} = \frac{\mathbf{3}}{\mathbf{30}}$  (M)

5.  $5,652 \times 10 = \mathbf{56,520}$  (M)

6.  $60 \times 30 = \mathbf{1,800}$  (M)