

# Fluent in Five

Daily Arithmetic Practice  
Week 3

Year 6

## Year 6 - Week 3

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

By this week, children should have become familiar with the Fluent in Five challenge, and their speed should be increasing.

This week:

- Mental division focuses on dividing whole numbers and decimals by 10 and 100.
- Mental addition and subtraction involves adding and subtracting near multiples of 10 (eg.  $80 - 28 = ?$  by mentally calculating  $80 - 30$  followed by  $+ 2$ )
- Written addition and subtraction involves 5-digit numbers add or subtract 5-digit numbers.
- Written short multiplication and division focuses on the 6 and 8 times tables.
- Written long multiplication continues to be tested. Check that children can immediately identify these as written methods by noticing that these questions carry 2 marks.
- Fraction questions continue to include finding non-unit fractions of numbers, but are beginning to include increasingly more complex mental calculations.

Name.....

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

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

<b>1</b>	$8,874 \times \boxed{\phantom{00000000}} = 8,874$	<input type="checkbox"/> 1 mark

<b>2</b>	$1,518 \div 6 =$	<input type="checkbox"/> 1 mark

3

$$87.3 \div 10 =$$

1 mark

4

$$41 + 30 =$$

1 mark

5

$$83,328 - 76,397 =$$

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.  $8,874 \times \mathbf{1} = 8,874$  (M)

2.  $1,518 \div 6 = \mathbf{253}$  (W)

3.  $87.3 \div 10 = \mathbf{8.73}$  (M)

4.  $41 + 30 = \mathbf{71}$  (M)

5.  $83,328 - 76,397 = \mathbf{6,931}$  (W)

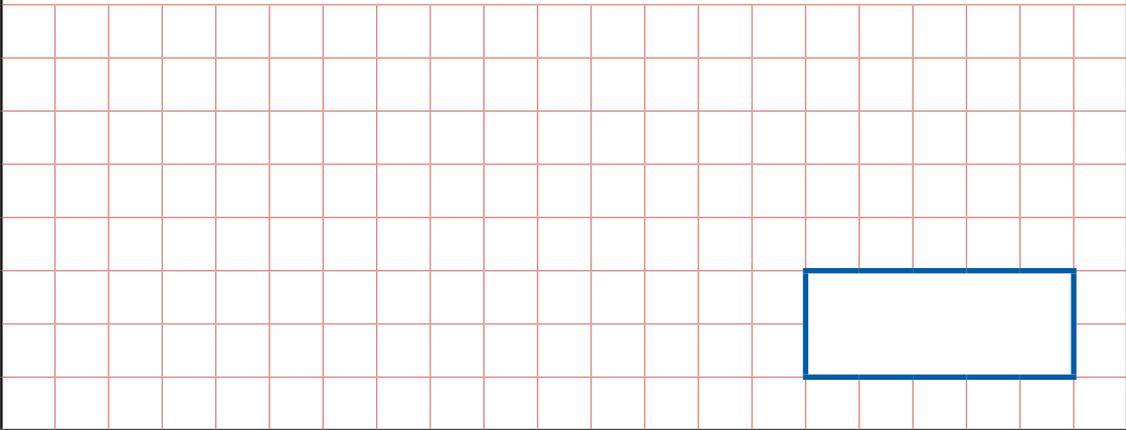
Name.....

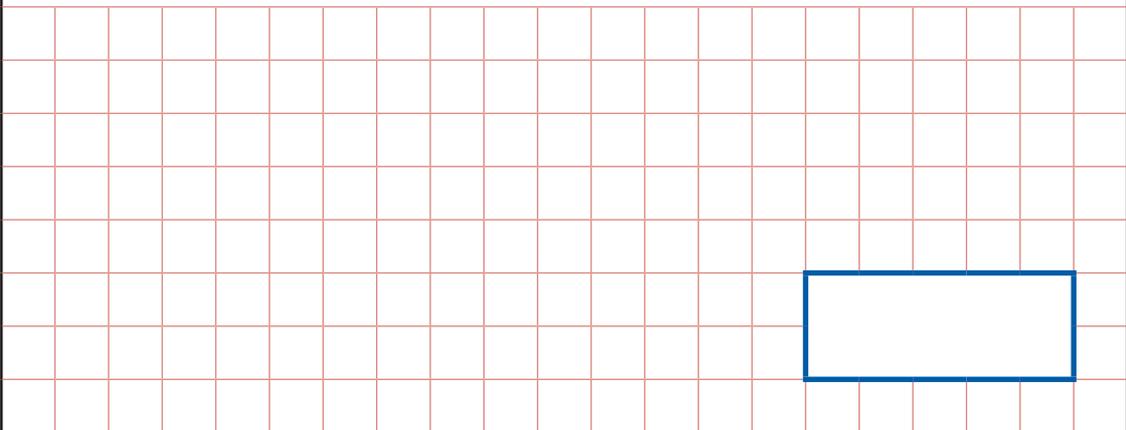
Date..... School.....

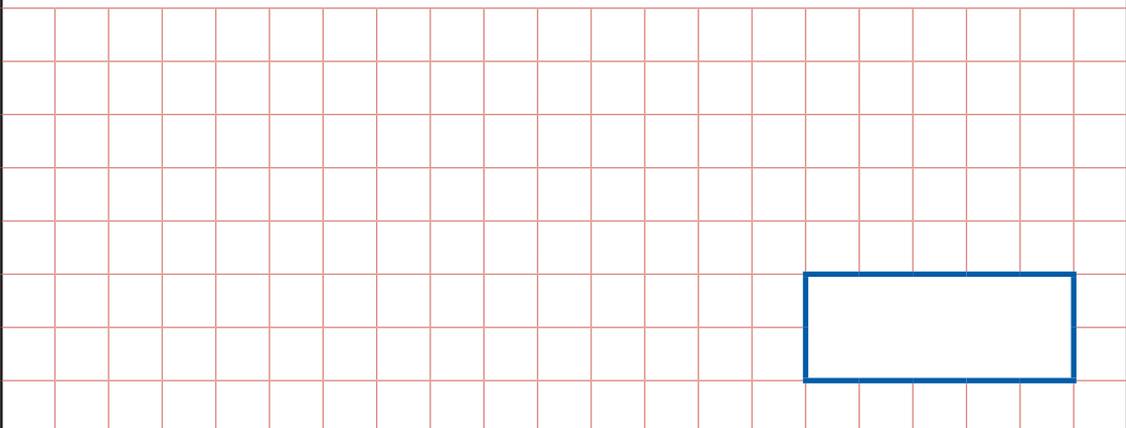
Class..... Score.....

<b>1</b>	$\frac{2}{5}$ of 90 =	<input type="checkbox"/> 1 mark
[Red grid area for calculation]		

<b>2</b>	$48.3 \div 100 =$	<input type="checkbox"/> 1 mark
[Red grid area for calculation]		

3	$67 \times 32 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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4	$80 - 28 =$ 	<input data-bbox="1390 1332 1469 1411" type="checkbox"/> 1 mark
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5	$12,384 + 15,843 =$ 	<input data-bbox="1390 1955 1469 2033" 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.  $\frac{2}{5}$  of 90 = **36** (M)

2.  $48.3 \div 100 = \mathbf{4.38}$  (M)

3.  $67 \times 32 = \mathbf{2,144}$  (W)

4.  $80 - 28 = \mathbf{52}$  (M)

5.  $12,384 + 15,843 = \mathbf{28,227}$  (W)

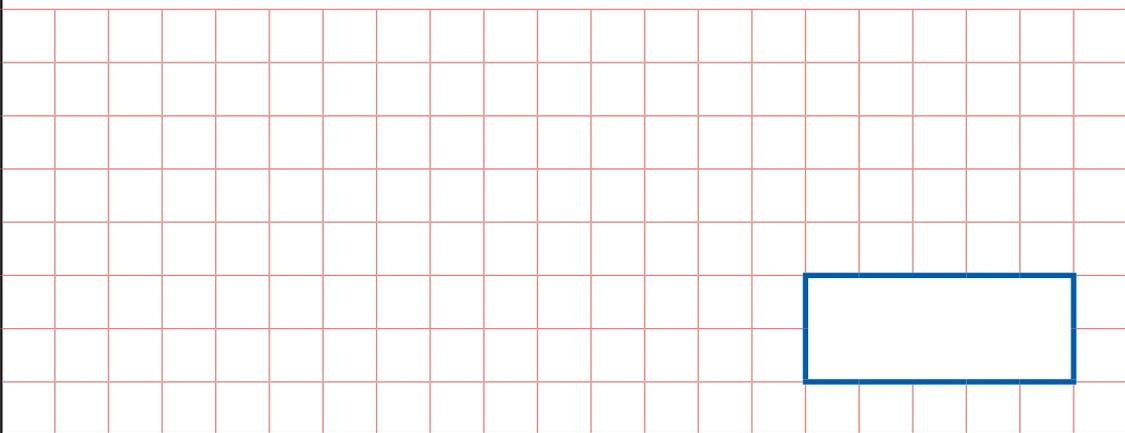
Name.....

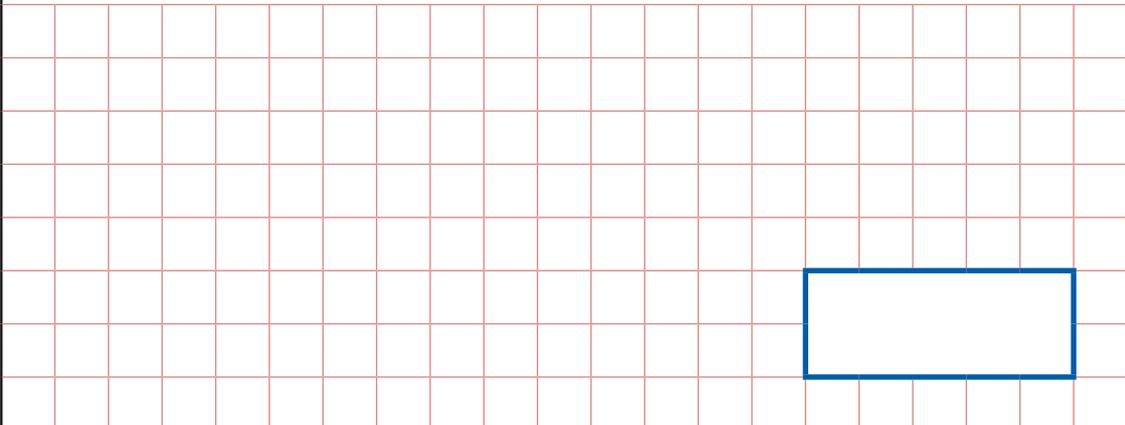
Date.....School.....

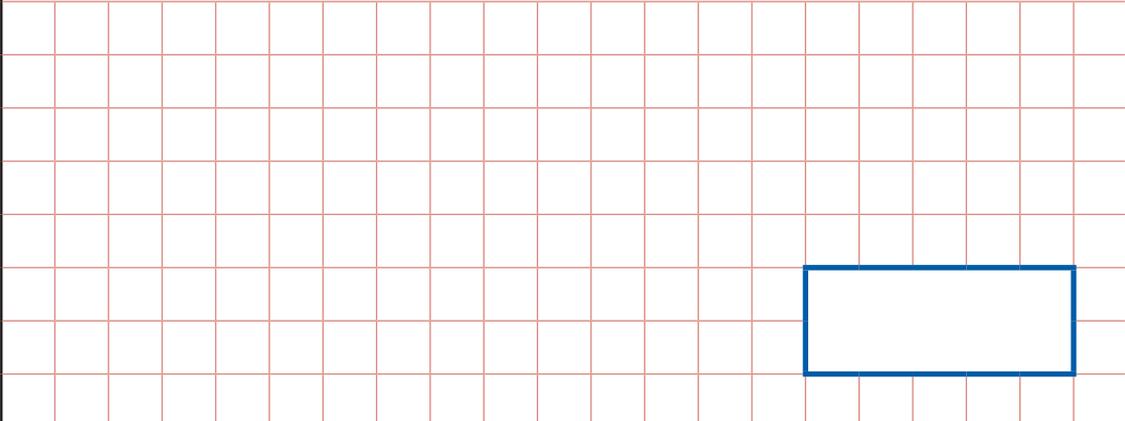
Class.....Score.....

<b>1</b>	$8 \times \boxed{\phantom{000}} = 42$	<input type="checkbox"/> 1 mark

<b>2</b>	$70 - 29 =$	<input type="checkbox"/> 1 mark

3	$37 \times 37 =$ 	<input data-bbox="1388 705 1468 772" type="checkbox"/> 1 mark
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4	$8 + 3 + 8 =$ 	<input data-bbox="1388 1332 1468 1400" type="checkbox"/> 1 mark
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5	$32,764 - 21,863 =$ 	<input data-bbox="1388 1937 1468 2004" 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.  $8 \times 6 = 42$  (M)

2.  $70 - 29 = 41$  (M)

3.  $37 \times 37 = 1,369$  (W)

4.  $8 + 3 + 8 = 19$  (M)

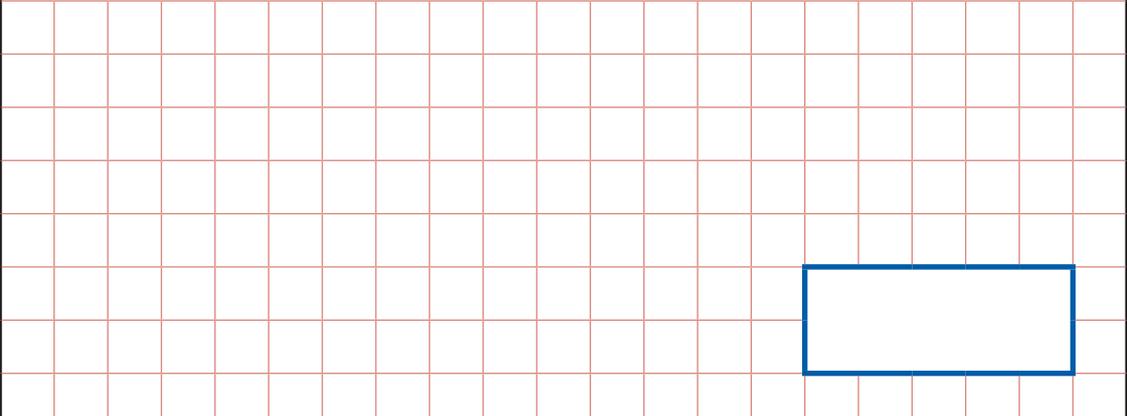
5.  $32,764 - 21,863 = 10,901$  (W)

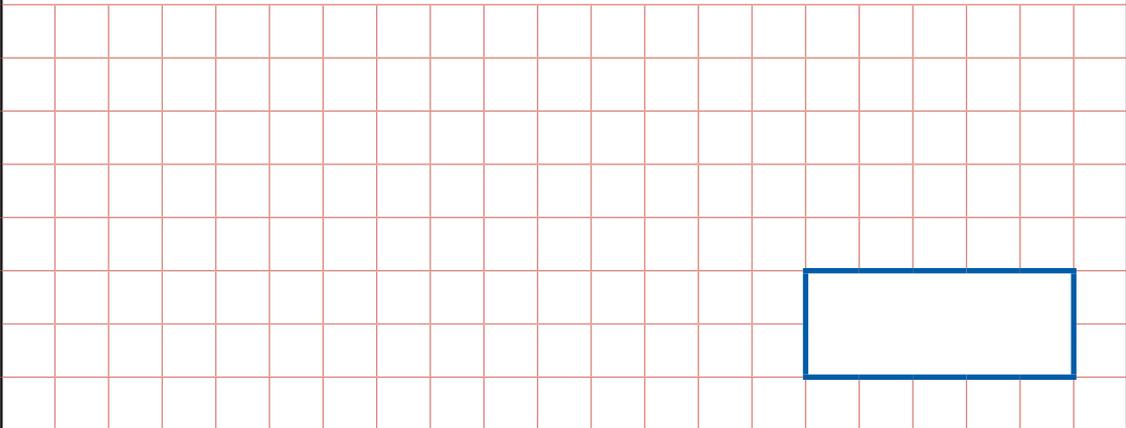
Name.....

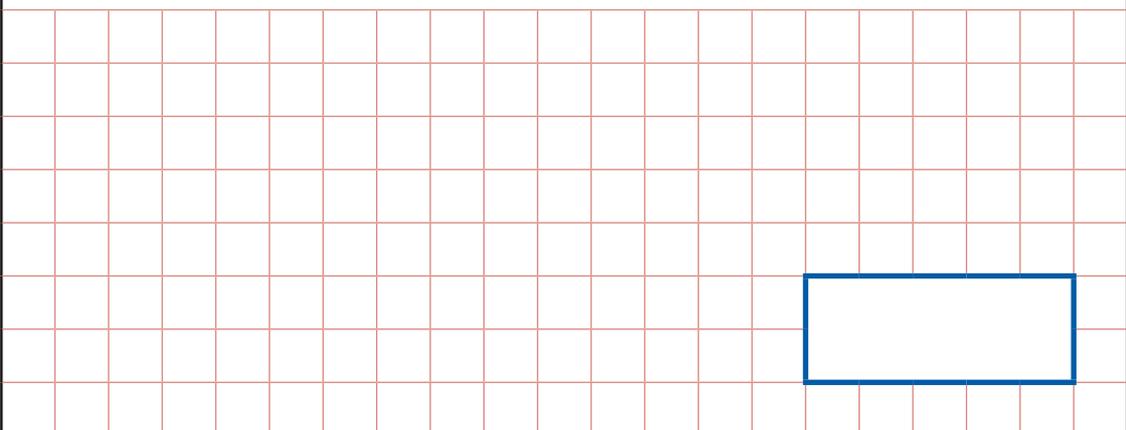
Date..... School.....

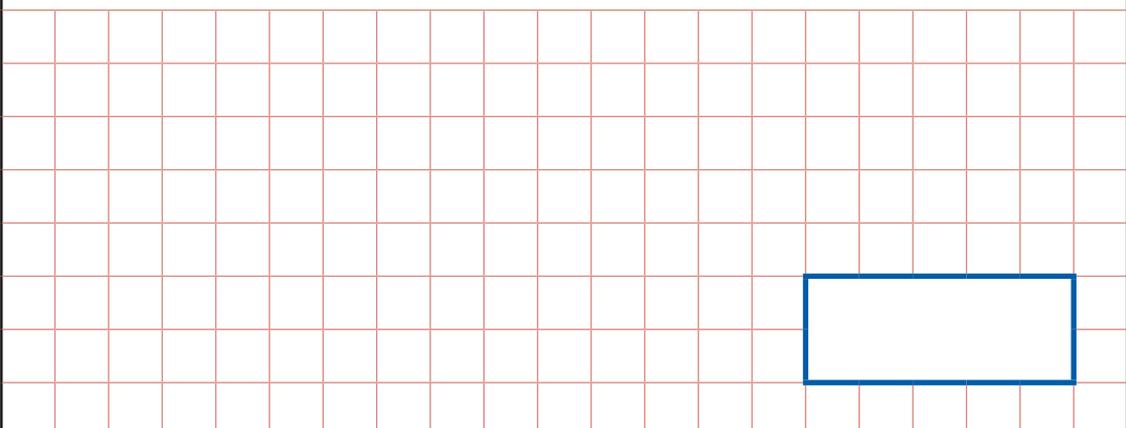
Class..... Score.....

1	$996 + 7 =$ 	<input data-bbox="1385 1211 1465 1294" type="checkbox"/> 1 mark
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2	$32,764 - 21,863 =$ 	<input data-bbox="1385 1868 1465 1951" type="checkbox"/> 1 mark
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3	$9.38 \div 100 =$ 	<input data-bbox="1390 707 1469 786" type="checkbox"/> 1 mark
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4	$91 + 30 =$ 	<input data-bbox="1390 1330 1469 1408" type="checkbox"/> 1 mark
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5	$674 \times 6 =$ 	<input data-bbox="1390 1951 1469 2029" 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.  $996 + 7 = \mathbf{1,003}$  (M)

2.  $32,764 - 21,863 = \mathbf{10,901}$  (W)

3.  $9.38 \div 100 = \mathbf{0.938}$  (M)

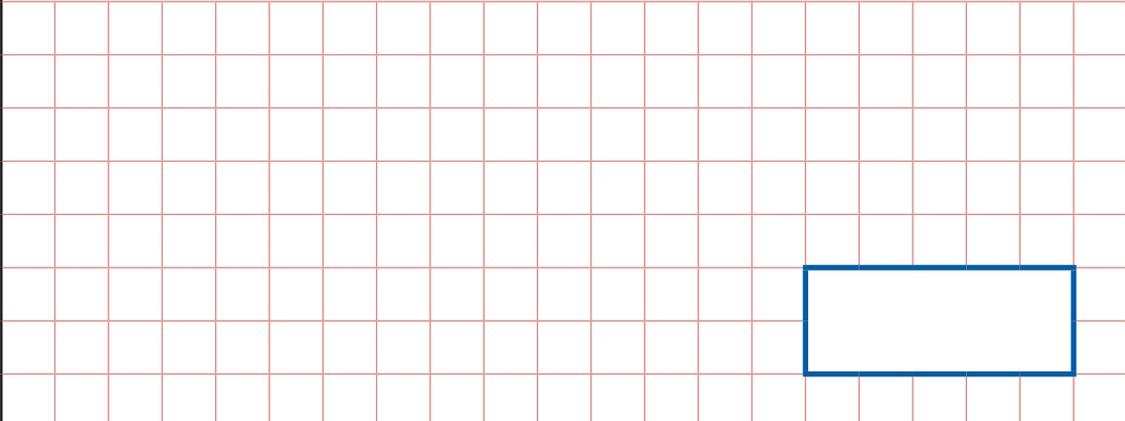
4.  $91 + 30 = \mathbf{121}$  (M)

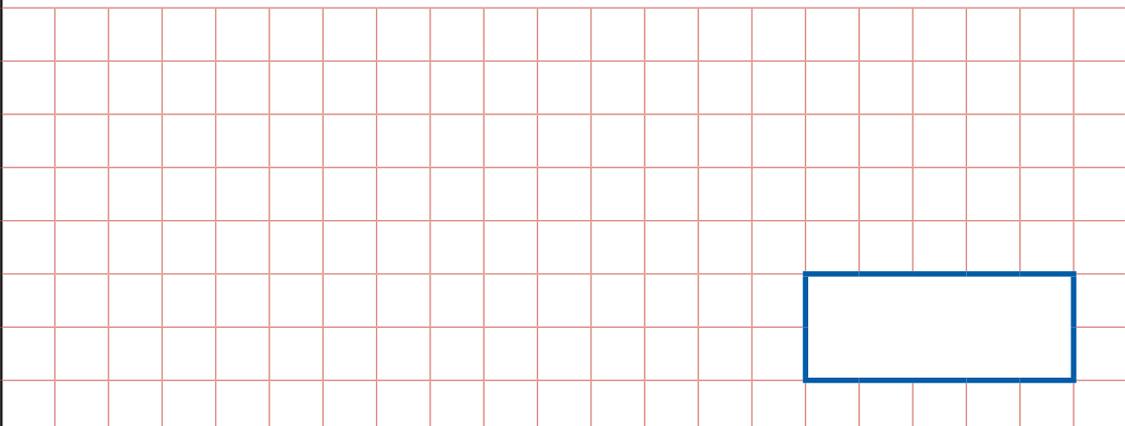
5.  $674 \times 6 = \mathbf{4,044}$  (W)

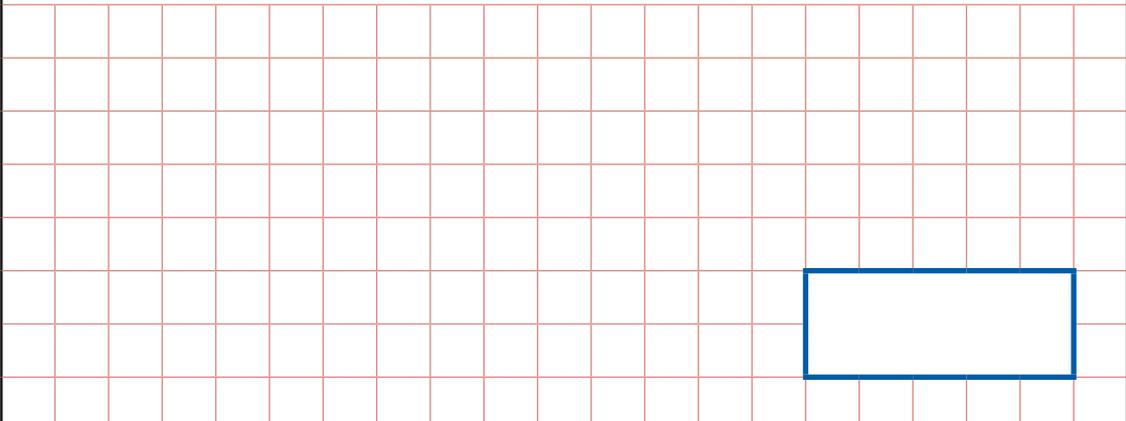
Name.....

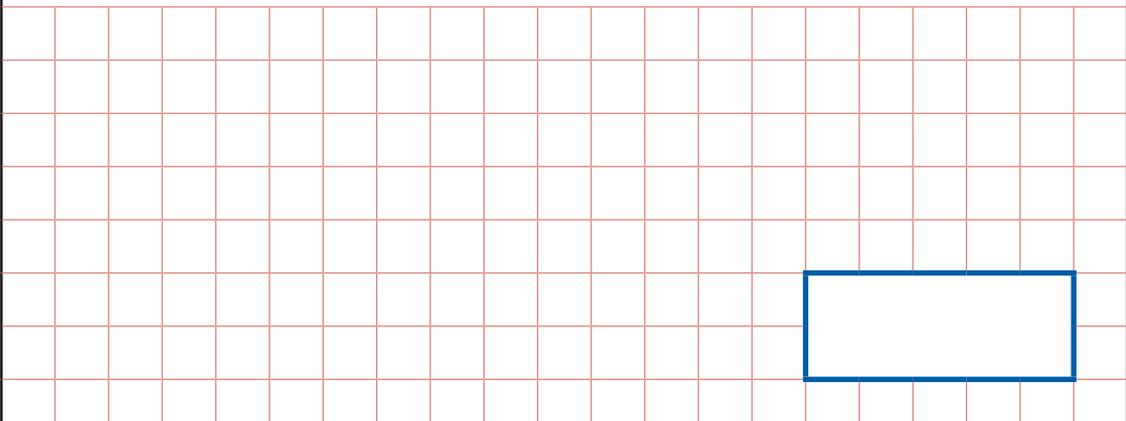
Date.....School.....

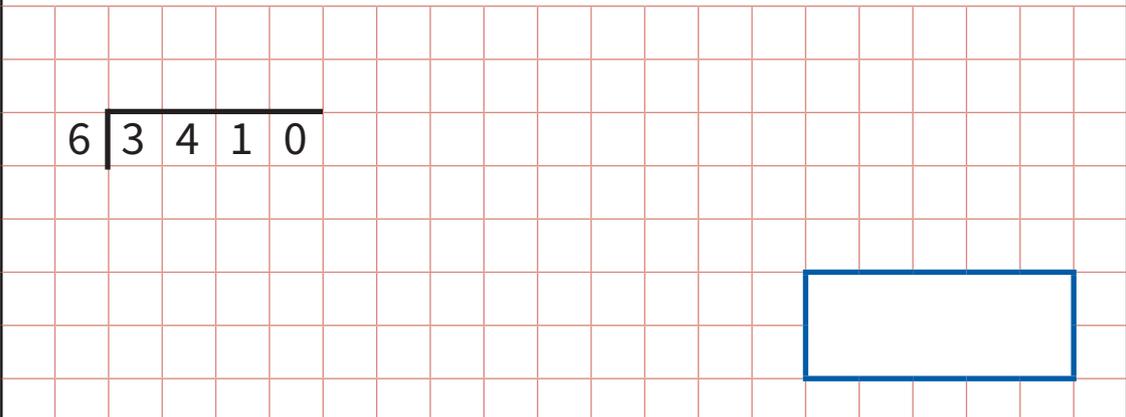
Class.....Score.....

<b>1</b>	$\frac{2}{9}$ of 162 =	<input type="text"/> 1 mark
		

<b>2</b>	$866 \times 6 =$	<input type="text"/> 1 mark
		

3	$130 - 39 =$  <input data-bbox="1031 712 1302 819" type="text"/>	<input data-bbox="1386 707 1466 775" type="text"/> 1 mark
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4	$87.4 \div 10 =$  <input data-bbox="1031 1332 1302 1440" type="text"/>	<input data-bbox="1386 1328 1466 1395" type="text"/> 1 mark
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5	$3,410 \div 6 =$  $6 \overline{) 3410}$	<input data-bbox="1386 1953 1466 2020" 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.  $\frac{2}{9}$  of 162 = **36** (M)

2.  $866 \times 6 = \mathbf{5,196}$  (W)

3.  $130 - 39 = \mathbf{91}$  (M)

4.  $87.4 \div 10 = \mathbf{8.74}$  (M)

5.  $3,410 \div 6 = \mathbf{568 \text{ r } 2}$  or  $\mathbf{568 \frac{2}{6}}$  or  $\mathbf{568.33}$