

# 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>	$8,874 \times \boxed{\phantom{0000}} = 8,874$	<input type="checkbox"/> 1 mark
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<b>2</b>	$1,518 \div 6 =$	<input type="checkbox"/> 1 mark
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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)

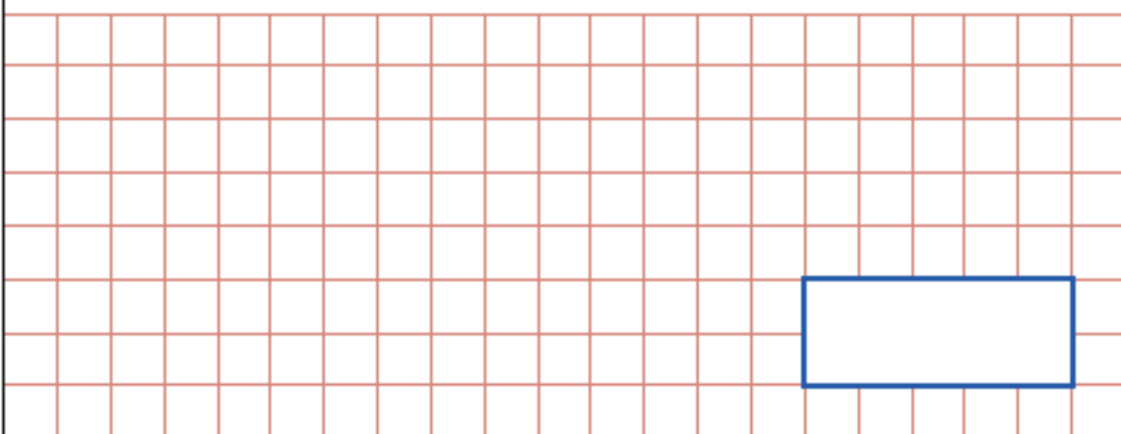
4.  $41 + 30 = \mathbf{71}$  (M)

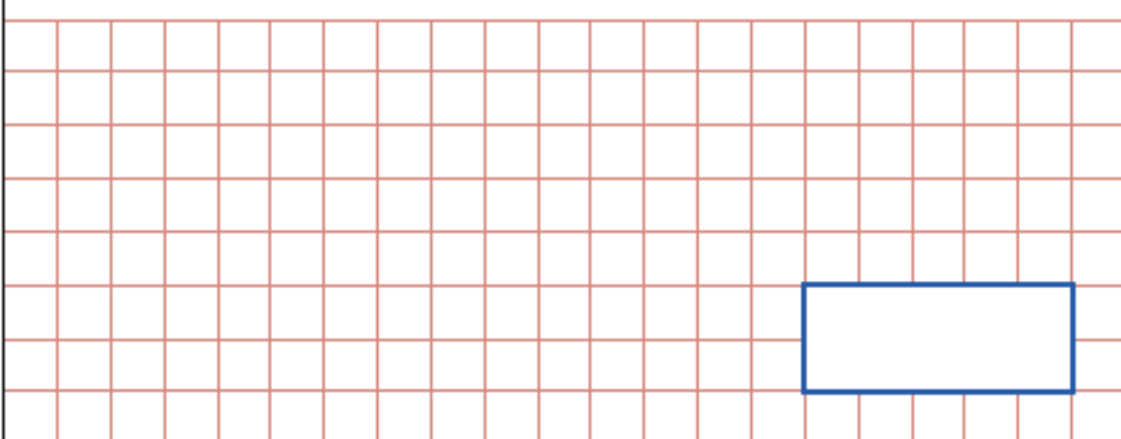
5.  $83,328 - 76,397 = \mathbf{6,931}$  (W)

Name.....

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

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

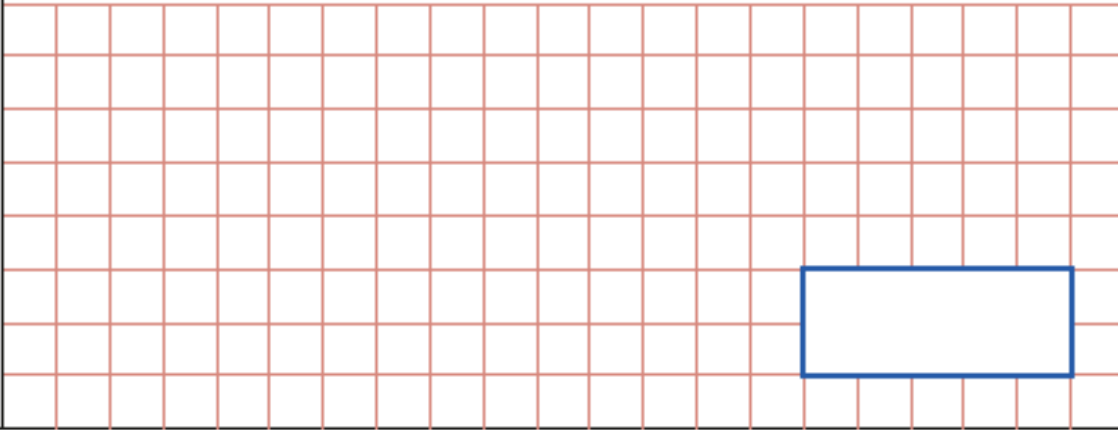
<b>1</b>	$\frac{2}{5}$ of 90 = 	<input data-bbox="1388 1209 1468 1288" type="checkbox"/> 1 mark
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<b>2</b>	$48.3 \div 100 =$ 	<input data-bbox="1388 1859 1468 1937" type="checkbox"/> 1 mark
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Fluent in Five - Year 6  
Week 3 - Day 2

3

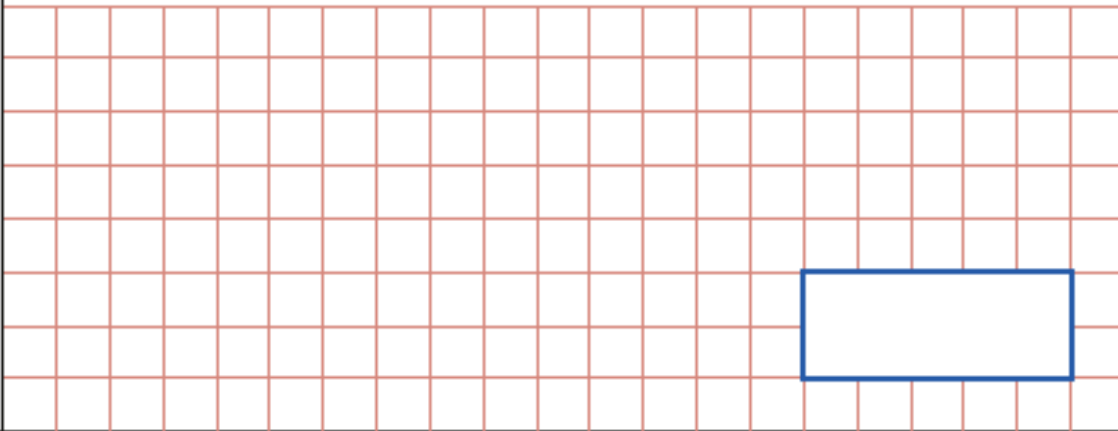
$$67 \times 32 =$$



1 mark

4

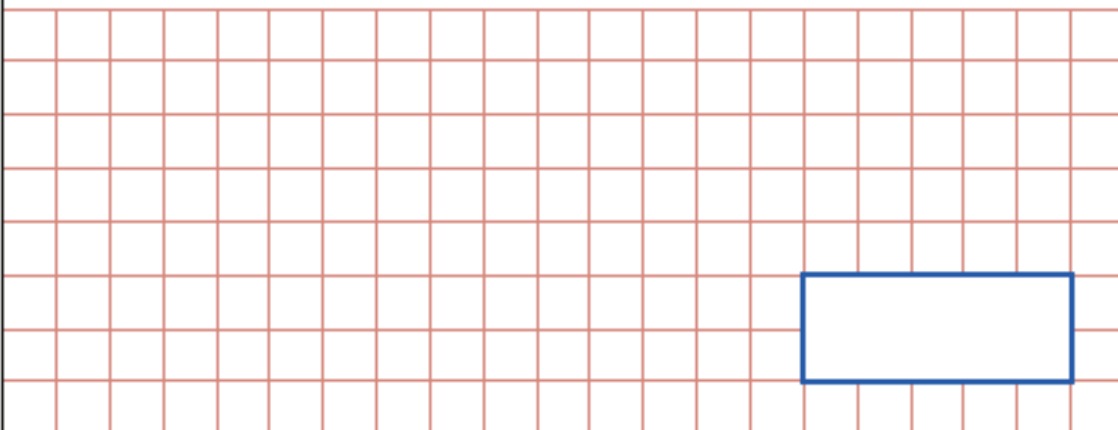
$$80 - 28 =$$



1 mark

5

$$12,384 + 15,843 =$$



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.  $\frac{2}{5}$  of 90 = **36** (M)

2.  $48.3 \div 100 = \mathbf{0.483}$  (M)

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

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


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




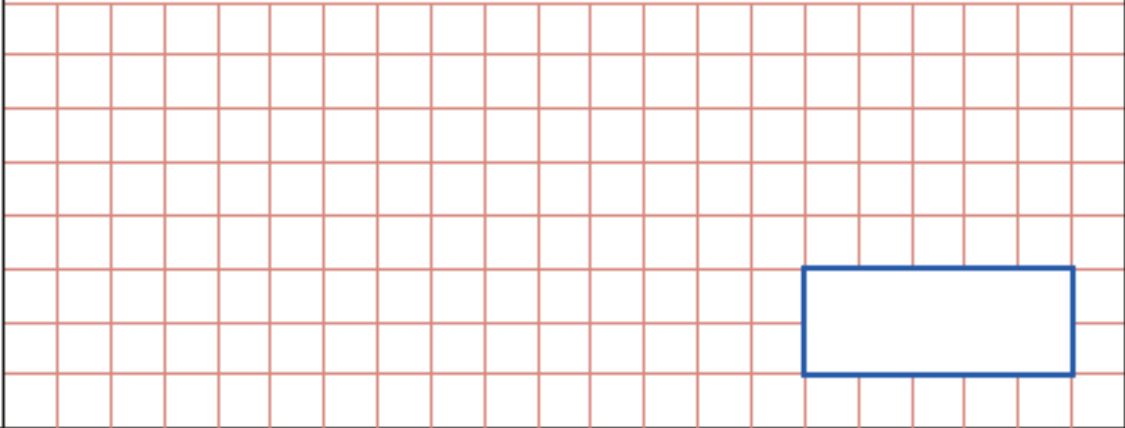
Name.....

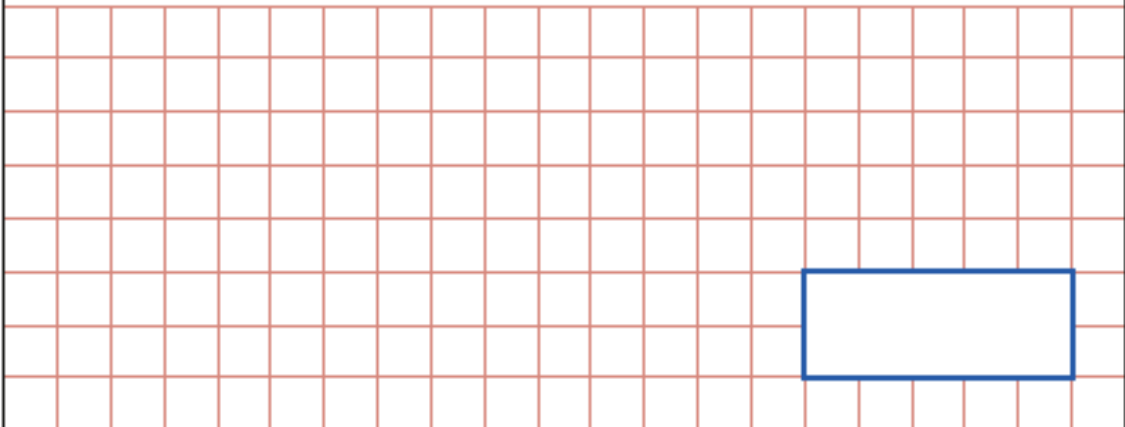
Date.....School.....

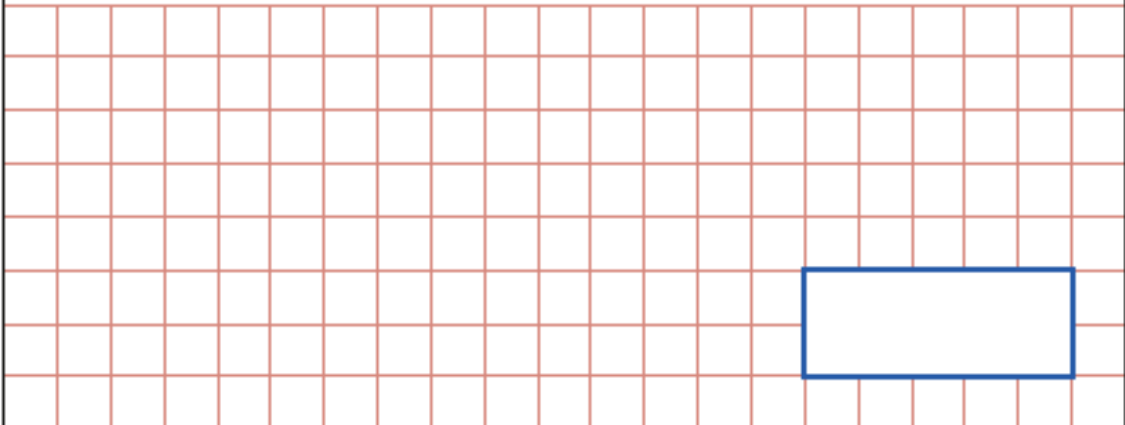
Class.....Score.....

<b>1</b>	$7 \times \boxed{\phantom{000}} = 42$	<input type="checkbox"/> 1 mark
		

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

3	$37 \times 37 =$ 	<input data-bbox="1390 703 1469 786" type="checkbox"/> 1 mark
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4	$8 + 3 + 8 =$ 	<input data-bbox="1390 1326 1469 1408" type="checkbox"/> 1 mark
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5	$32,764 - 21,863 =$ 	<input data-bbox="1390 1937 1469 2020" 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.  $7 \times \mathbf{6} = 42$  (M)

2.  $70 - 29 = \mathbf{41}$  (M)

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


4.  $8 + 3 + 8 = \mathbf{19}$  (M)


5.  $32,764 - 21,863 = \mathbf{10,901}$  (W)

Name.....

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

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

<b>1</b>	$996 + 7 =$ 	<input data-bbox="1390 1211 1465 1285" type="checkbox"/> 1 mark
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<b>2</b>	$32,764 - 21,863 =$ 	<input data-bbox="1390 1868 1465 1942" type="checkbox"/> 1 mark
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3

$$9.38 \div 100 =$$

1 mark

4

$$91 + 30 =$$

1 mark

5

$$674 \times 6 =$$

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.  $996 + 7 = \mathbf{1,003}$  (M)

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

3.  $9.38 \div 100 = \mathbf{0.0938}$  (M)

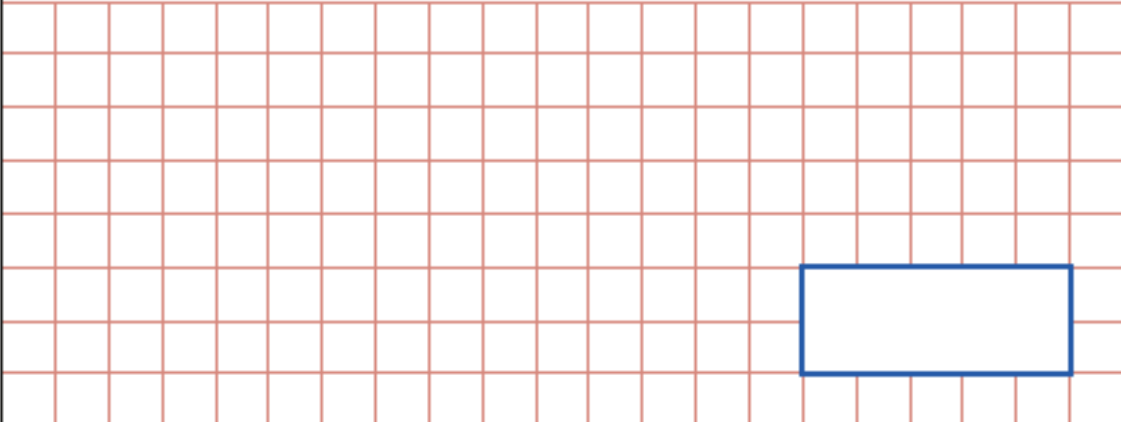
4.  $91 + 30 = \mathbf{121}$  (M)

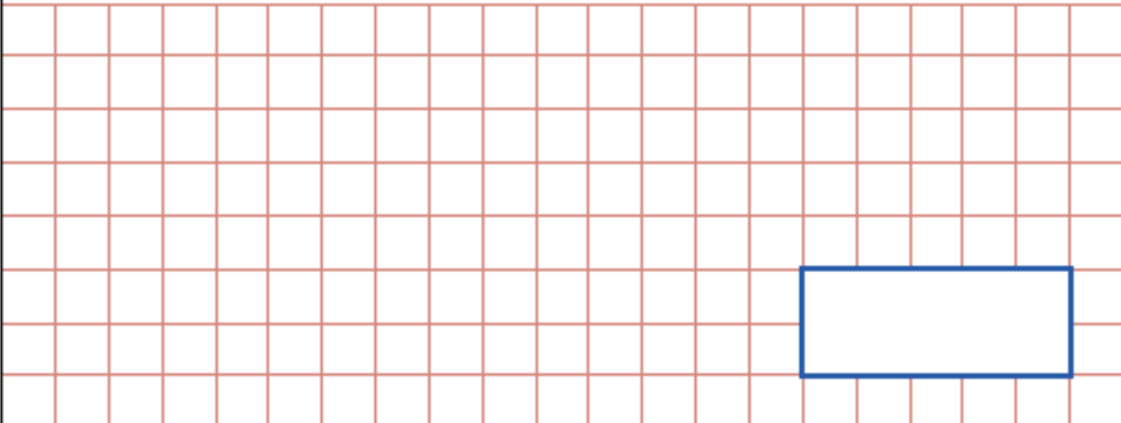
5.  $674 \times 6 = \mathbf{4,044}$  (W)

Name.....

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

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

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

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

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Week 3 - Day 5

3

$130 - 39 =$

1 mark

4

$87.4 \div 10 =$

1 mark

5

$6 \overline{) 3410}$

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.  $\frac{2}{9}$  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  $\mathbf{568.33}$