

# Fluent in Five

Daily Arithmetic Practice  
Week 7

Year 6

## Year 6 - Week 7

Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

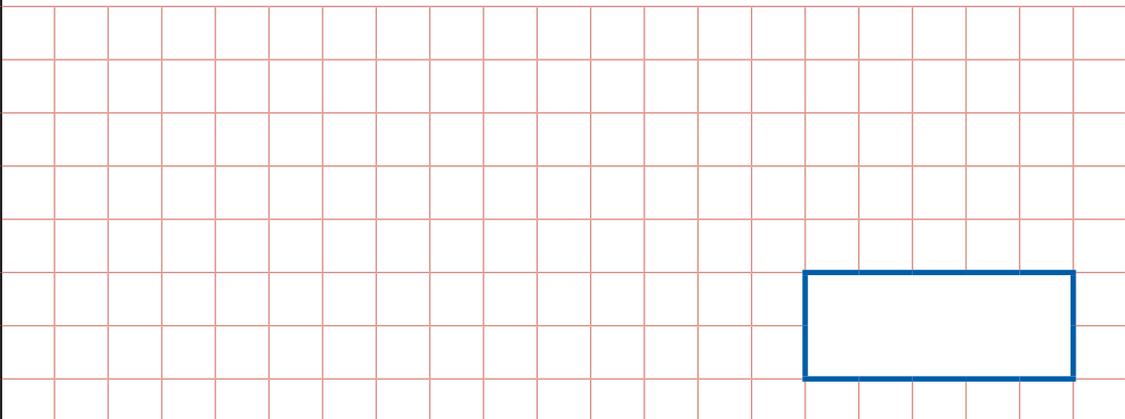
### This week in a nutshell

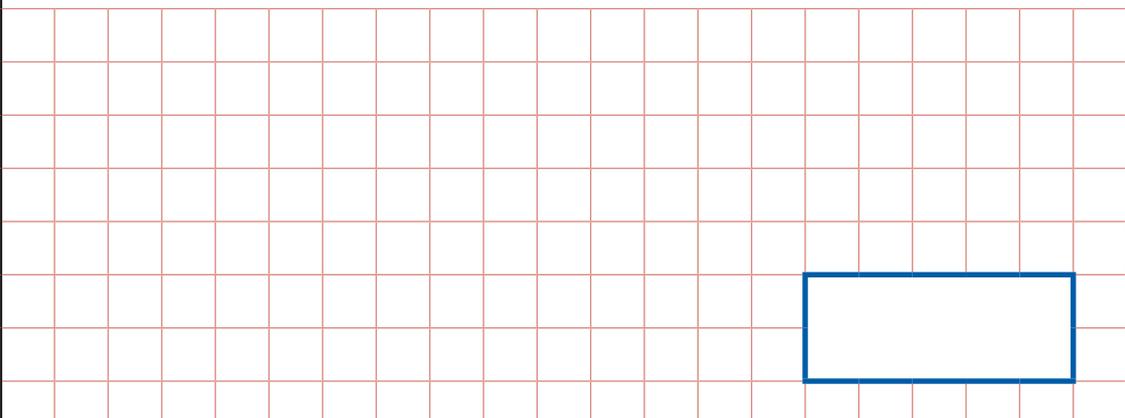
- Mental multiplication of a 2-digit decimal by a single-digit number is introduced.
- Mental multiplication and division content from the previous weeks is recapped.
- Pupils continue to find fractions of numbers and are introduced to the 'fraction x number =' notation for the first time (e.g.  $\frac{1}{5} \times 15 = 3$ ).
- Written methods continue to focus on long and short multiplication, together with the addition and subtraction of whole numbers.

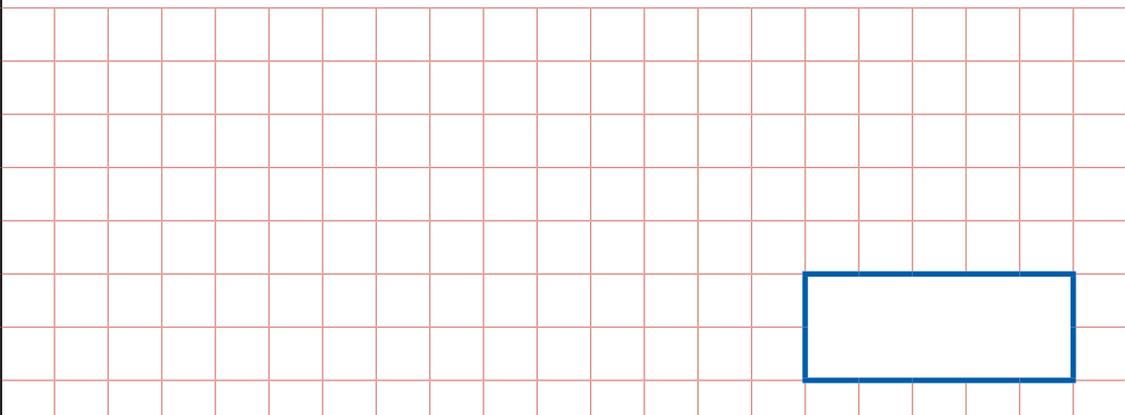
Name.....

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

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

1	$3.43 \times 100 =$  <input data-bbox="1029 712 1300 824" type="text"/>	<input data-bbox="1385 707 1465 786" type="checkbox"/> 1 mark
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2	$1.32 \times 3 =$  <input data-bbox="1029 1332 1300 1444" type="text"/>	<input data-bbox="1385 1328 1465 1406" type="checkbox"/> 1 mark
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3	$\frac{3}{7}$ of 28 =  <input data-bbox="1029 1957 1300 2069" type="text"/>	<input data-bbox="1385 1953 1465 2031" type="checkbox"/> 1 mark
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Fluent in Five - Year 6  
Week 7 - Day 1

4

$$43 \times 21 =$$

2 marks

5

$$1,664 + 2,349 =$$

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.

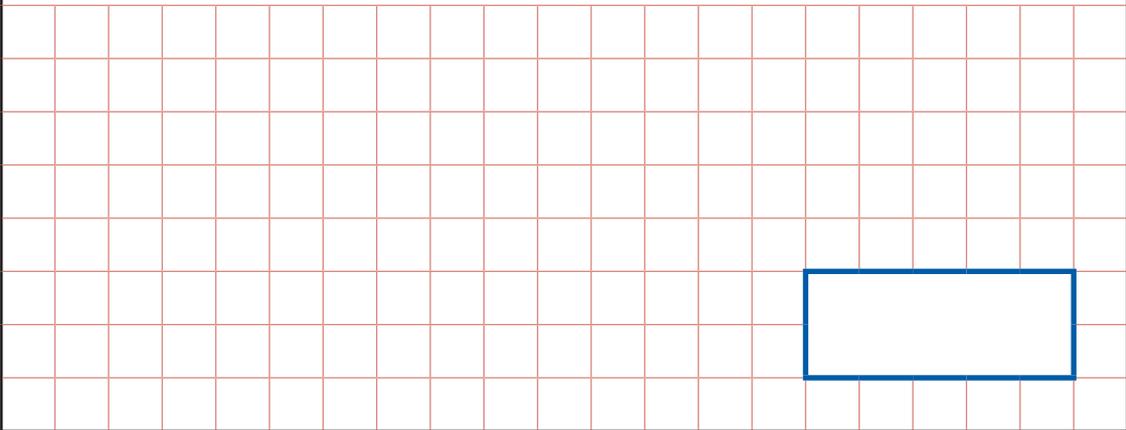
1.  $3.43 \times 100 = \mathbf{343}$  (M)
2.  $1.32 \times 3 = \mathbf{3.96}$  (M)
3.  $\frac{3}{7}$  of 28 = **12** (M)
4.  $43 \times 21 = \mathbf{903}$  (W)
5.  $1,664 + 2,349 = \mathbf{4,013}$  (W)

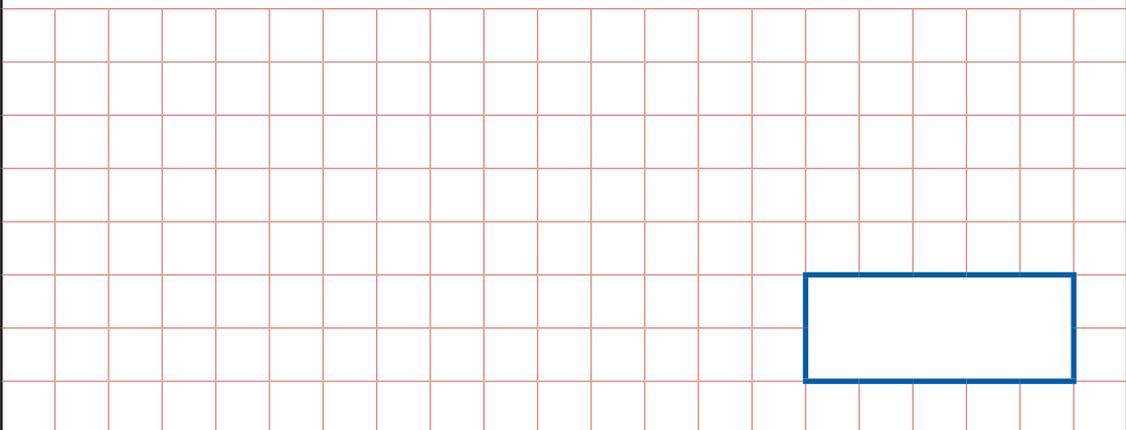
<b>1</b>	<p style="text-align: center;"><math>3 \overline{) 3763}</math></p> <div style="border: 1px solid blue; width: 150px; height: 30px; margin: 20px auto;"></div>	<input type="checkbox"/> 1 mark
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<b>2</b>	<p><math>6.33 \times 2 =</math></p> <div style="border: 1px solid blue; width: 150px; height: 30px; margin: 20px auto;"></div>	<input type="checkbox"/> 1 mark
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<b>3</b>	<p><math>\frac{1}{3} + \frac{3}{3} =</math></p> <div style="border: 1px solid blue; width: 150px; height: 30px; margin: 20px auto;"></div>	<input type="checkbox"/> 1 mark
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Fluent in Five - Year 6  
Week 7 - Day 2

4	$\frac{11}{12} \times 144 =$ 	<input data-bbox="1390 712 1469 792" type="checkbox"/> 1 mark
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5	$8,953 - 695 =$ 	<input data-bbox="1390 1330 1469 1411" 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.  $3,763 \div 3 = \mathbf{1,254 \text{ r } 1}$  or  $\mathbf{1,254.33}$  or  $\mathbf{1,254\frac{1}{3}}$  (W)

2.  $6.33 \times 2 = \mathbf{12.66}$  (M)

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

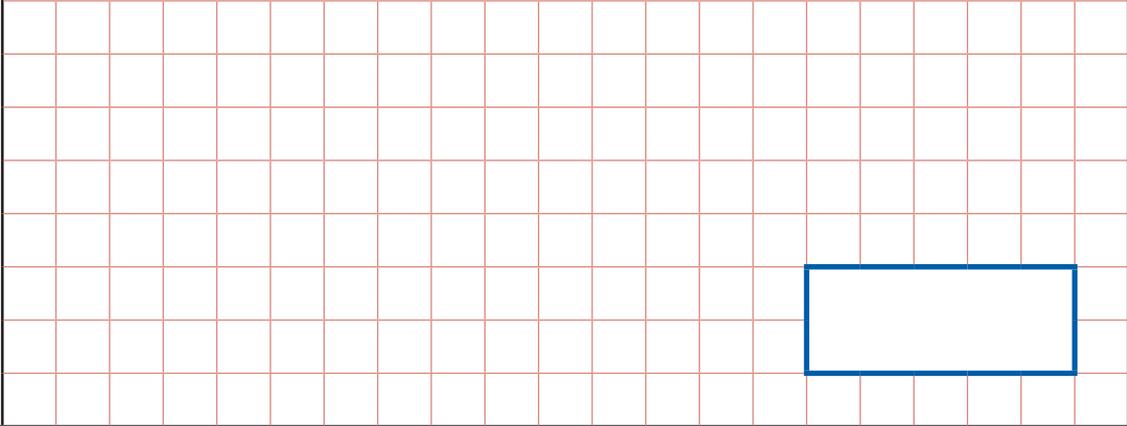
4.  $\frac{11}{12} \times 144 = \mathbf{132}$  (M)

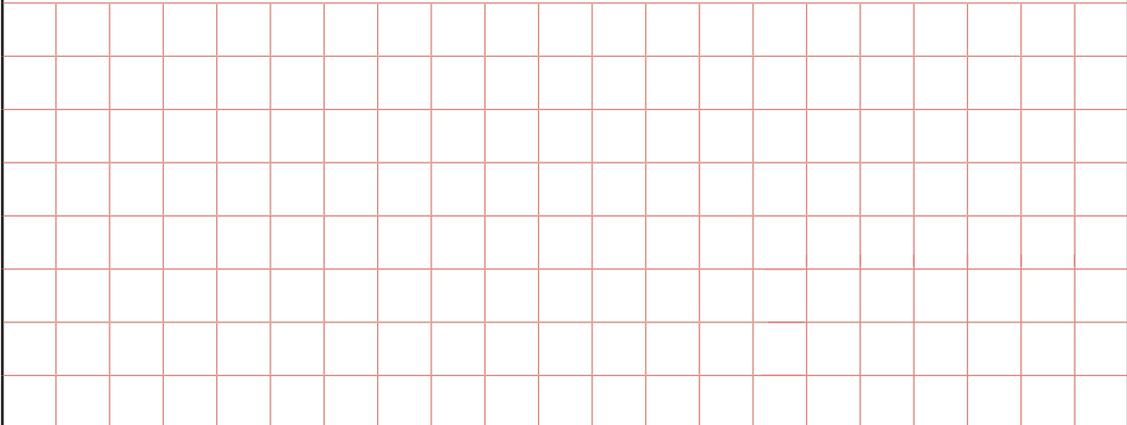
5.  $8,953 - 695 = \mathbf{8,258}$  (W)

<b>1</b>	$300 + \boxed{\phantom{000}} = 1,000 =$	<input type="checkbox"/> 1 mark
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<b>2</b>	$431 \times 7 =$	<input type="checkbox"/> 1 mark
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<b>3</b>	$\frac{6}{7} \times 140 =$	<input type="checkbox"/> 1 mark
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4	$\frac{5}{6} + \frac{3}{6} =$  <div data-bbox="1029 705 1300 817" style="border: 2px solid blue; width: 170px; height: 50px; margin-left: auto; margin-right: auto;"></div>	<div data-bbox="1388 705 1468 772" style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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5	$9,034 + \div = 13,439$ 	<div data-bbox="1388 1332 1468 1400" style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div> <p>1 mark</p>
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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.  $300 + 700 = 1,000$  (M)

2.  $431 \times 7 = 3,017$  (W)

3.  $\frac{6}{7} \times 140 = 120$  (M)

4.  $\frac{5}{6} + \frac{3}{6} = \frac{8}{6}$  or  $1\frac{2}{6}$  (M)

5.  $9,034 + 4,405 = 13,439$  (W)

<b>1</b>	$700 + \boxed{\phantom{000}} = 2,000$	<input type="checkbox"/> 1 mark
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<b>2</b>	$5 + 6 + 3 =$	<input type="checkbox"/> 1 mark
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<b>3</b>	$1.30 \times 6 =$	<input type="checkbox"/> 1 mark
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## Answer Sheet

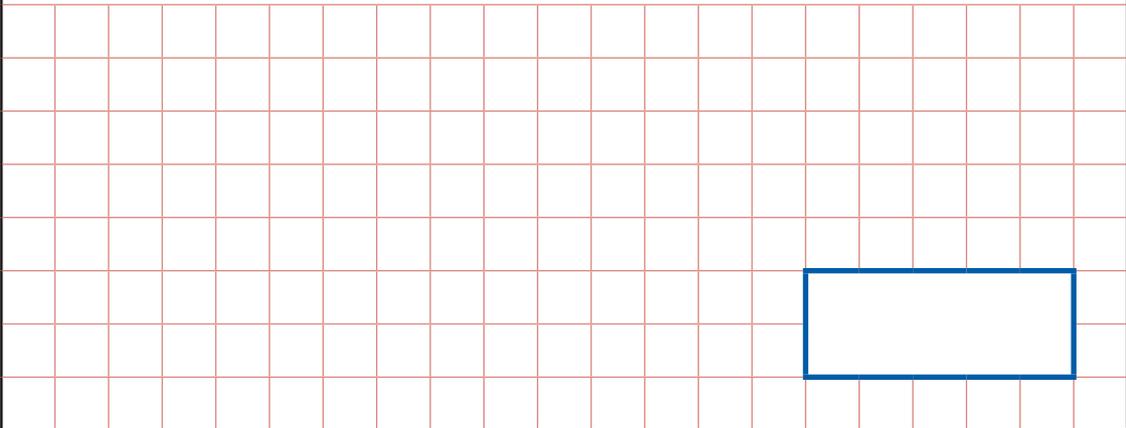
Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

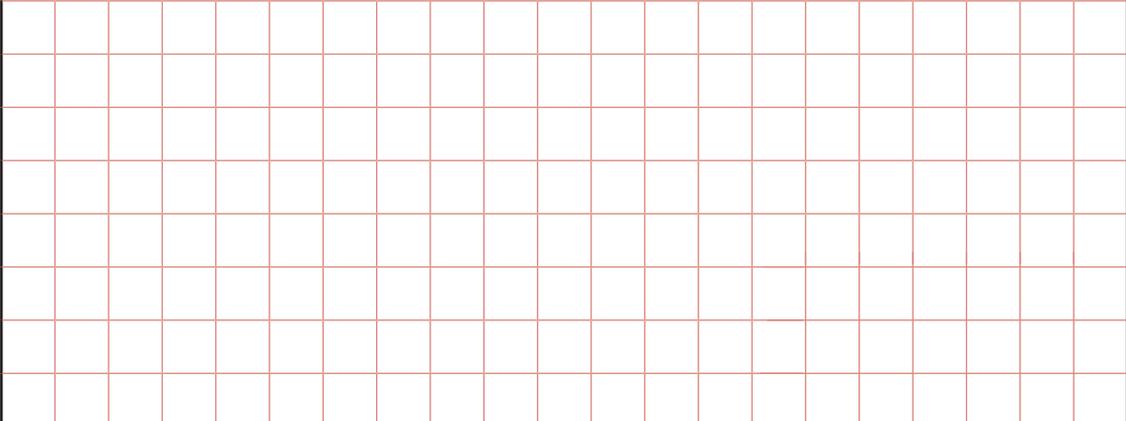
1.  $700 + \mathbf{1,300} = 2,000$  (M)
2.  $5 + 6 + 3 = \mathbf{14}$  (M)
3.  $1.30 \times 6 = \mathbf{7.8}$  (M)
4.  $9,321 \times 6 = \mathbf{55,926}$  (W)
5.  $3,433 \div 11 = \mathbf{312 \text{ r } 1}$  or  $\mathbf{312 \frac{1}{11}}$  (W)

1	$700 + 230 =$	<input type="checkbox"/> 1 mark

2	$\frac{4}{5}$ of 600 =	<input type="checkbox"/> 1 mark

3	$68 \times 14 =$	<input type="checkbox"/> 1 mark

4	$3.33 \times 3 =$ 	<input data-bbox="1390 707 1469 775" type="checkbox"/> 1 mark
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5	 $- 5,879 = 6,932$ 	<input data-bbox="1390 1335 1469 1402" 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.  $700 + 230 = \mathbf{930}$  (M)
2.  $\frac{4}{5}$  of 600 = **480** (M)
3.  $68 \times 14 = \mathbf{952}$  (W)
4.  $3.33 \times 3 = \mathbf{9.99}$  (M)
5.  $\mathbf{12,811} - 5,879 = 6,932$  (W)