

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.

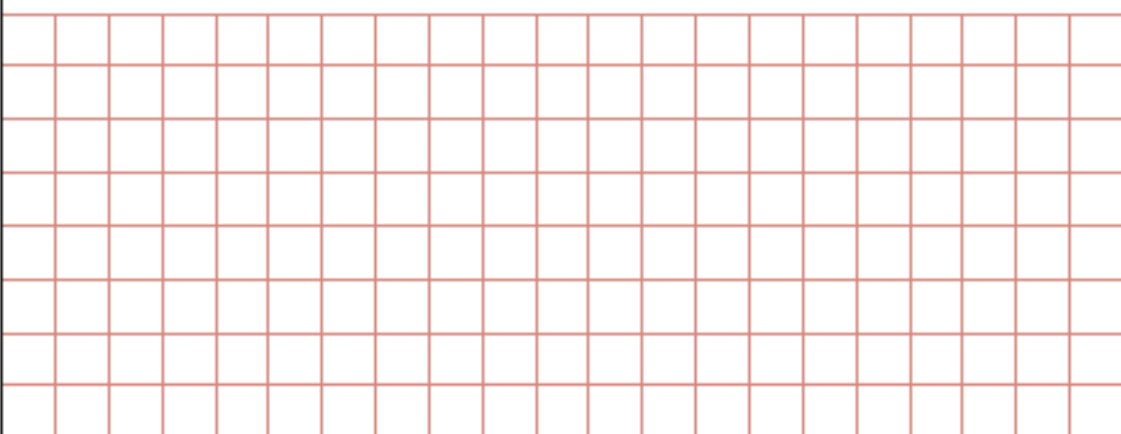
This week:

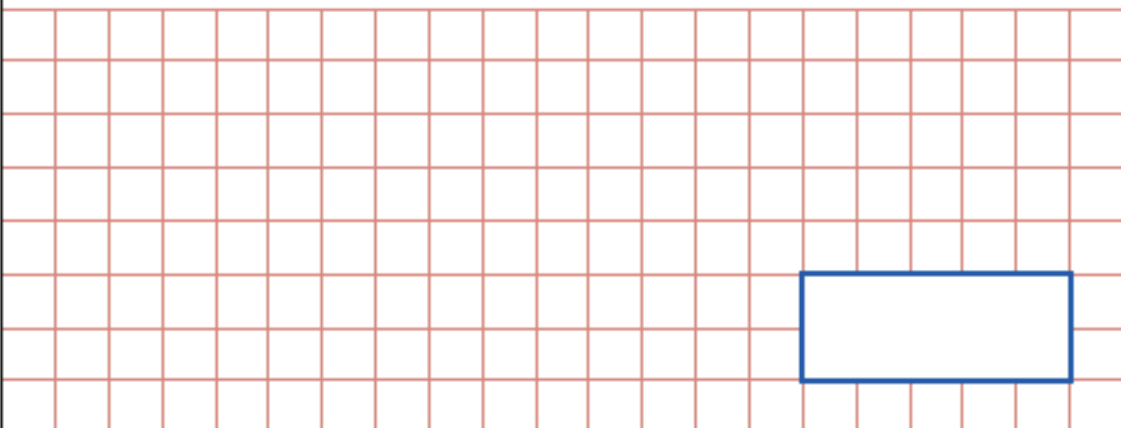
- Mental division focuses on dividing whole numbers and decimals by 10 and 100.
- Mental addition and subtraction involves adding and subtracting near multiples of 10 (eg. $80 - 28 =$ by mentally calculating $80 - 30$ followed by $+ 2$)
- Written addition and subtraction involves 5-digit numbers add 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.....

1	$8,874 \times \boxed{} = 8,874$ 	<input data-bbox="1388 1209 1468 1288" type="checkbox"/> 1 mark
----------	--	--

2	$1,518 \div 6 =$  <input data-bbox="1029 1870 1300 1982" type="text"/>	<input data-bbox="1388 1870 1468 1948" 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)

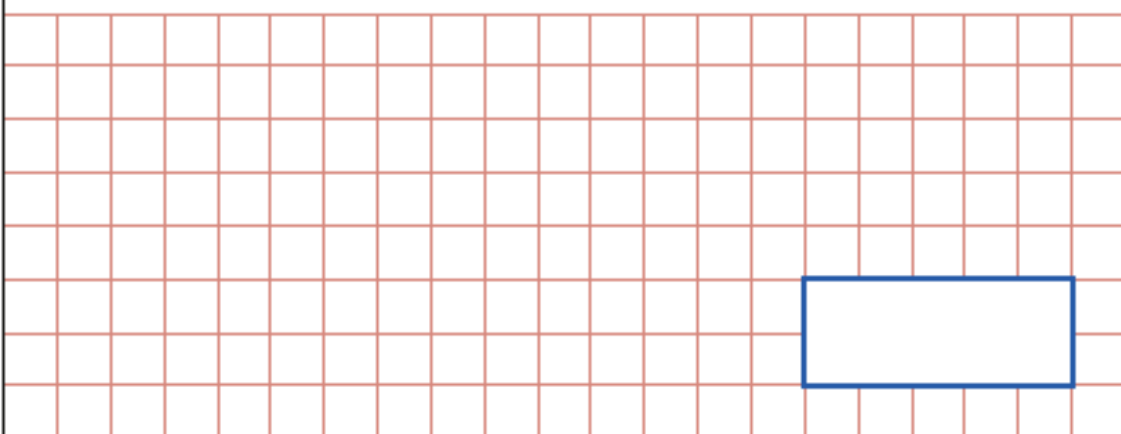
4. $41 + 30 = \mathbf{71}$ (M)

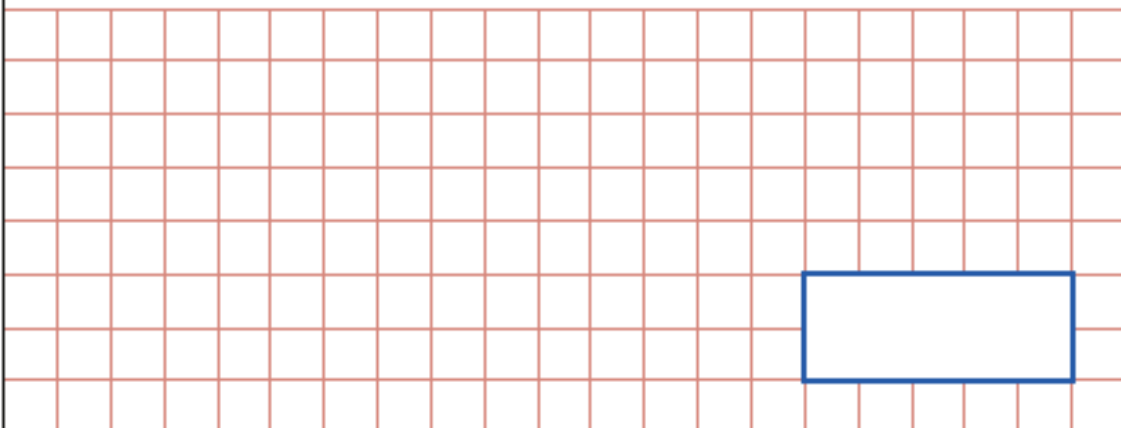
5. $83,328 - 76,397 = \mathbf{6,931}$ (W)

Name.....

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

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

1	$\frac{2}{5}$ of 90 = 	<input data-bbox="1388 1209 1468 1288" type="checkbox"/> 1 mark
----------	--	--

2	$48.3 \div 100 =$ 	<input data-bbox="1388 1870 1468 1948" type="checkbox"/> 1 mark
----------	---	--

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

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

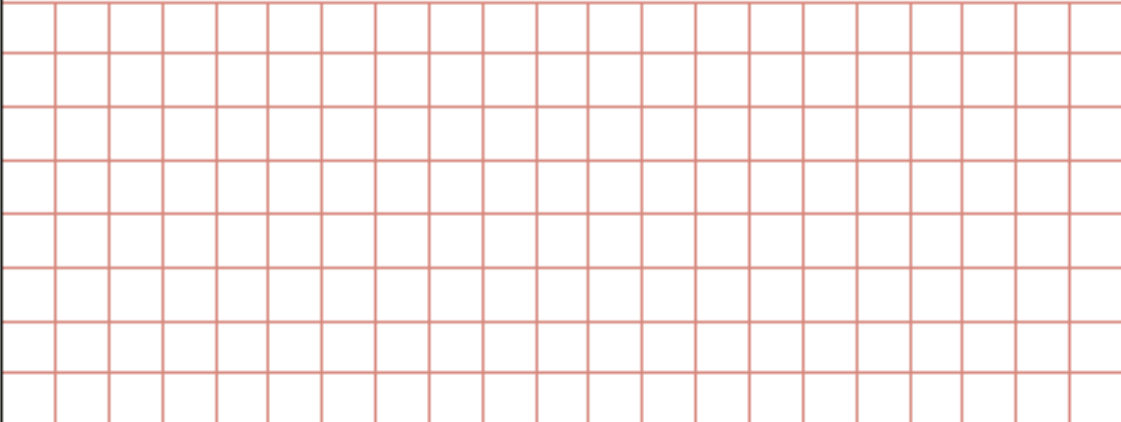
4. $80 - 28 = \mathbf{52}$ (M)

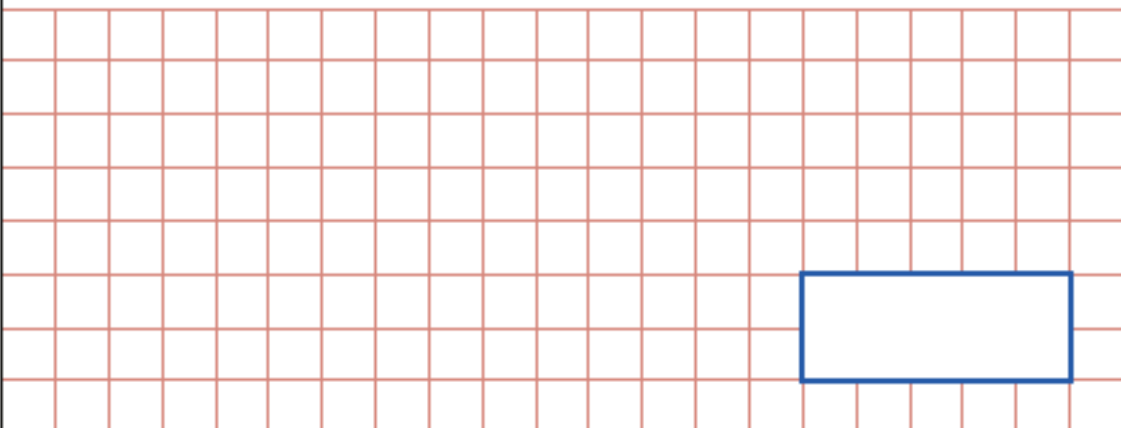
5. $12,384 + 15,843 = \mathbf{28,227}$ (W)

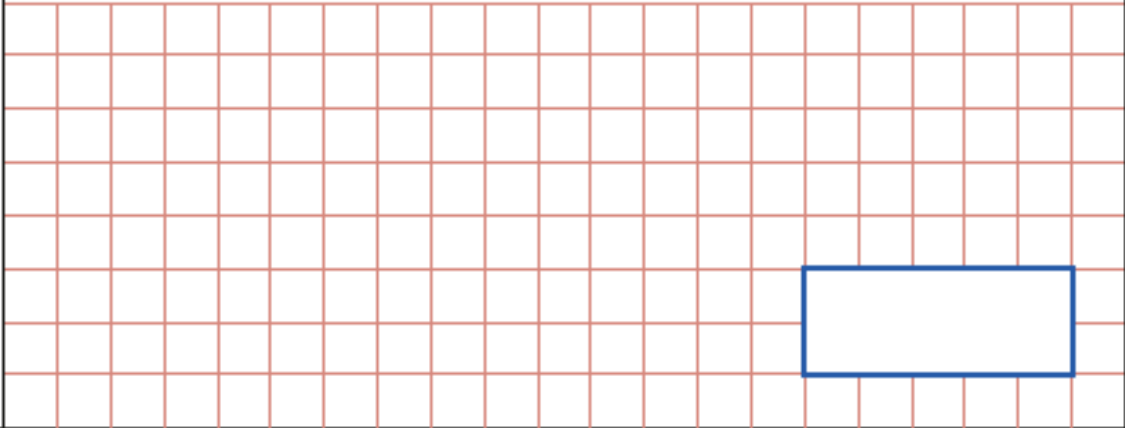
Name.....

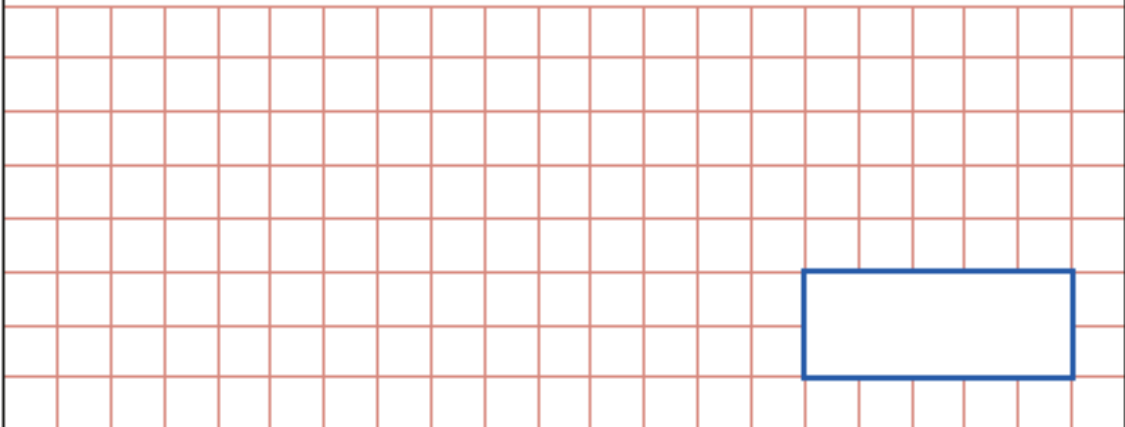
Date.....School.....

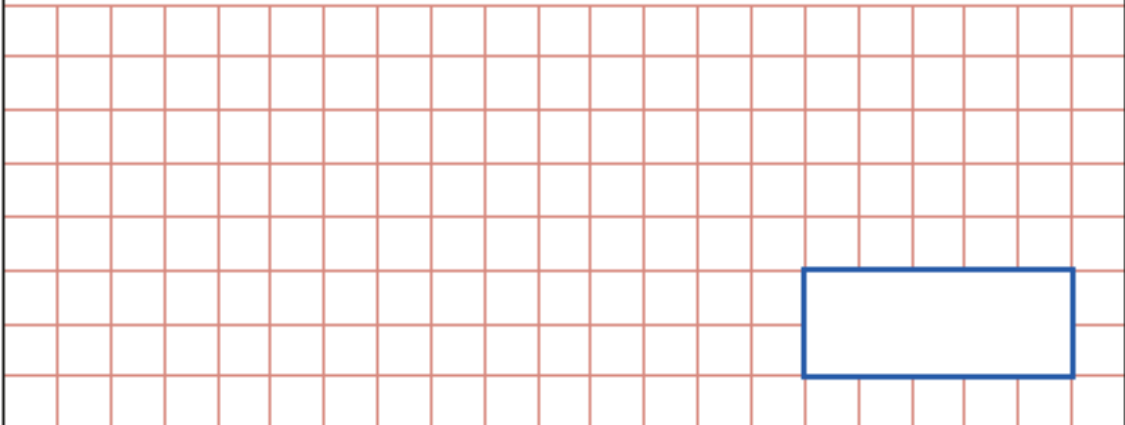
Class.....Score.....

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

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

3	$37 \times 37 =$ 	<input data-bbox="1390 703 1469 786" type="checkbox"/> 1 mark
---	--	--

4	$8 + 3 + 8 =$ 	<input data-bbox="1390 1326 1469 1408" type="checkbox"/> 1 mark
---	---	--

5	$32,764 - 21,863 =$ 	<input data-bbox="1390 1937 1469 2020" type="checkbox"/> 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. $7 \times \mathbf{6} = 42$ (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.....

1	$996 + 7 =$ 	<input data-bbox="1390 1211 1465 1285" type="checkbox"/> 1 mark
----------	--	--

2	$32,764 - 21,863 =$ 	<input data-bbox="1390 1868 1465 1942" type="checkbox"/> 1 mark
----------	---	--

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)

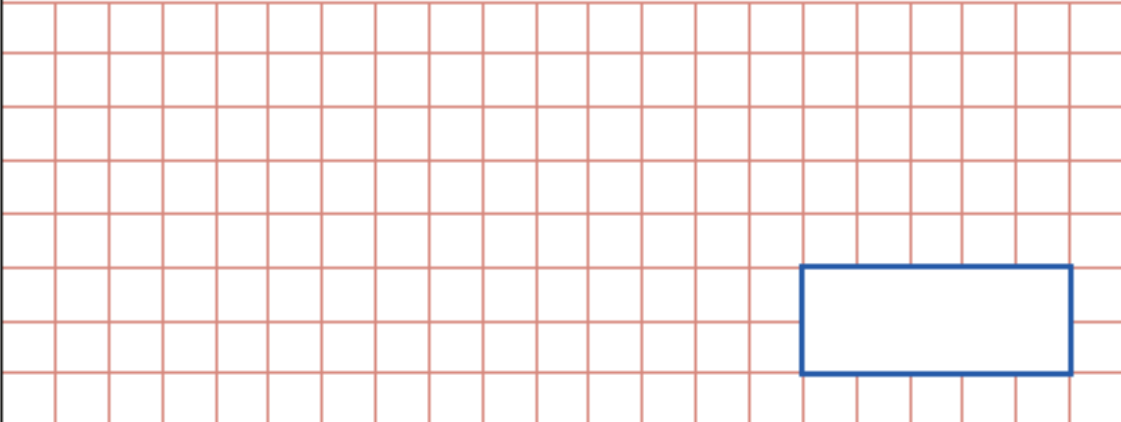
4. $91 + 30 = \mathbf{121}$ (M)

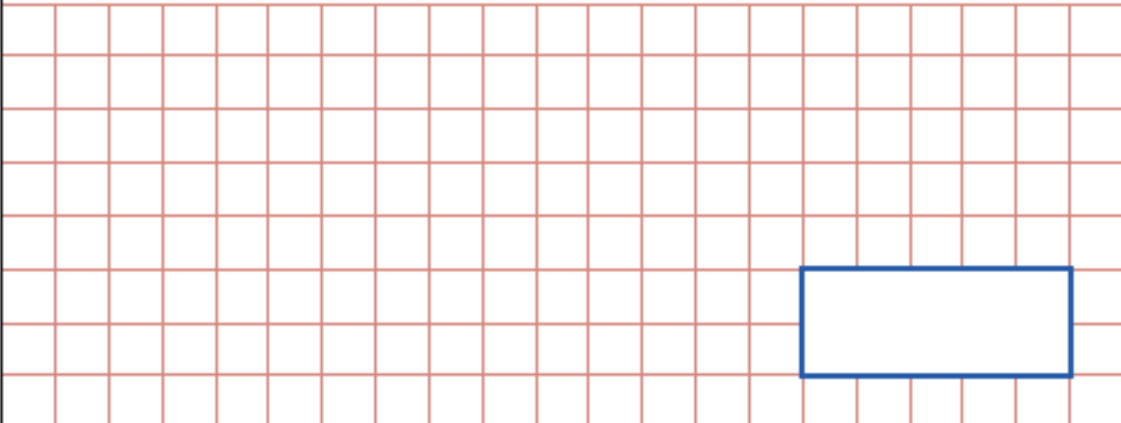
5. $674 \times 6 = \mathbf{4,044}$ (W)

Name.....

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

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

1	$\frac{2}{9}$ of 162 = 	<input data-bbox="1388 1209 1468 1288" type="checkbox"/> 1 mark
----------	---	--

2	866 x 6 = 	<input data-bbox="1388 1870 1468 1948" type="checkbox"/> 1 mark
----------	---	--

Fluent in Five - Year 6
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 $\mathbf{568.33}$