

Fluent in Five

Daily Arithmetic Practice
Week 3

Year 5

Year 5 - 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 therefore the number of questions per day increases to 5, with 2 of these questions likely to require a written method.


- Mental multiplication focuses on multiplying multiples of 10 by other multiples of 10 (e.g 70×60)
- Mental addition focuses on adding multiples of 10 where the answer crosses into the thousands.
- Mental subtraction involves subtracting multiples of 10 using the inverse relationship.
- Fraction questions this week involve finding fractions of non-unit fractions (e.g. $\frac{3}{5}$ of 30)
- Written addition and subtraction calculations this week cross the place value boundaries in at least 2 places.
- Both written multiplication and division is based on the 8 times table.


Name.....


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


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

1	$80 + 70 =$	<input type="checkbox"/> 1 mark
		

2	$60 \times 40 =$	<input type="checkbox"/> 1 mark
		

3	$528 \div 8 =$ 	<input data-bbox="1385 703 1465 779" type="checkbox"/> 1 mark
---	------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

4	$\frac{3}{5}$ of 30 = 	<input data-bbox="1385 1328 1465 1404" type="checkbox"/> 1 mark
---	---------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

5	$4,543 + 5,567 =$ 	<input data-bbox="1385 1955 1465 2031" 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.

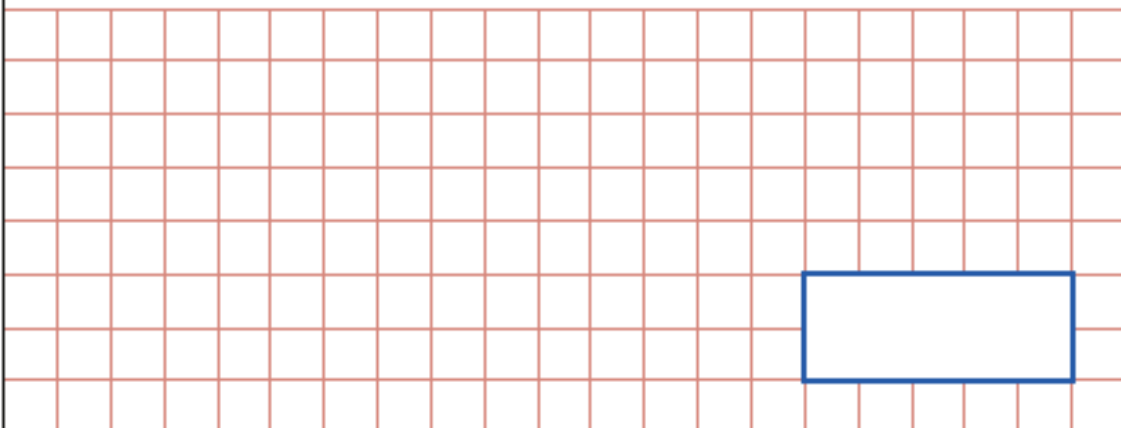
1. $80 + 70 = \mathbf{150}$ (M)
2. $60 \times 40 = \mathbf{2,400}$ (M)
3. $528 \div 8 = \mathbf{66}$ (W)
4. $\frac{\mathbf{3}}{\mathbf{5}}$ of 30 = $\mathbf{18}$ (M)
5. $4,543 + 5,567 = \mathbf{10,110}$ (W)

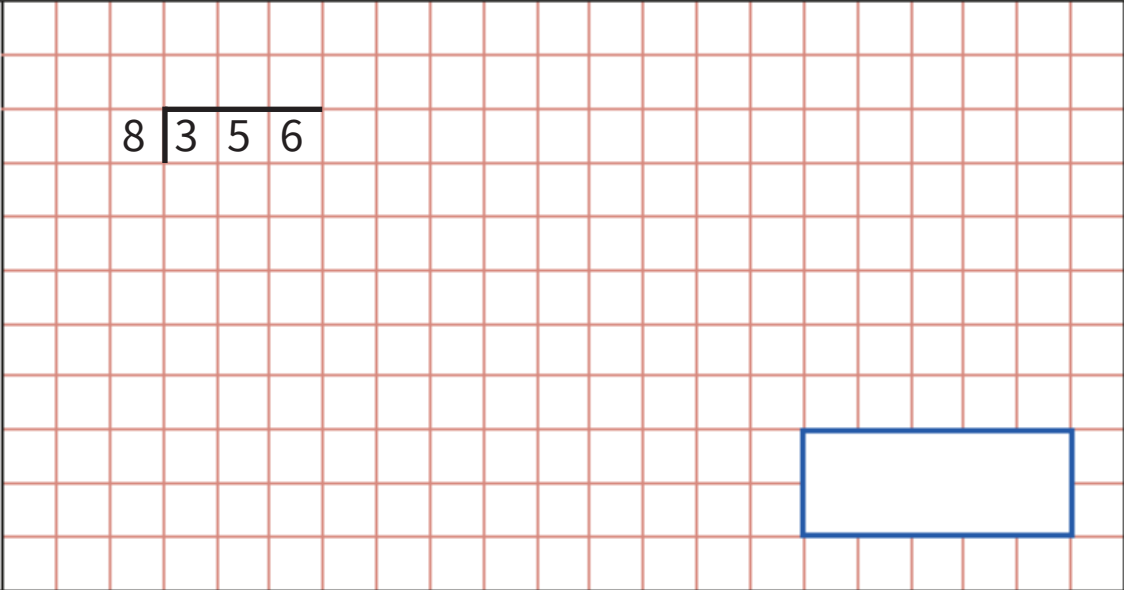
Name.....


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

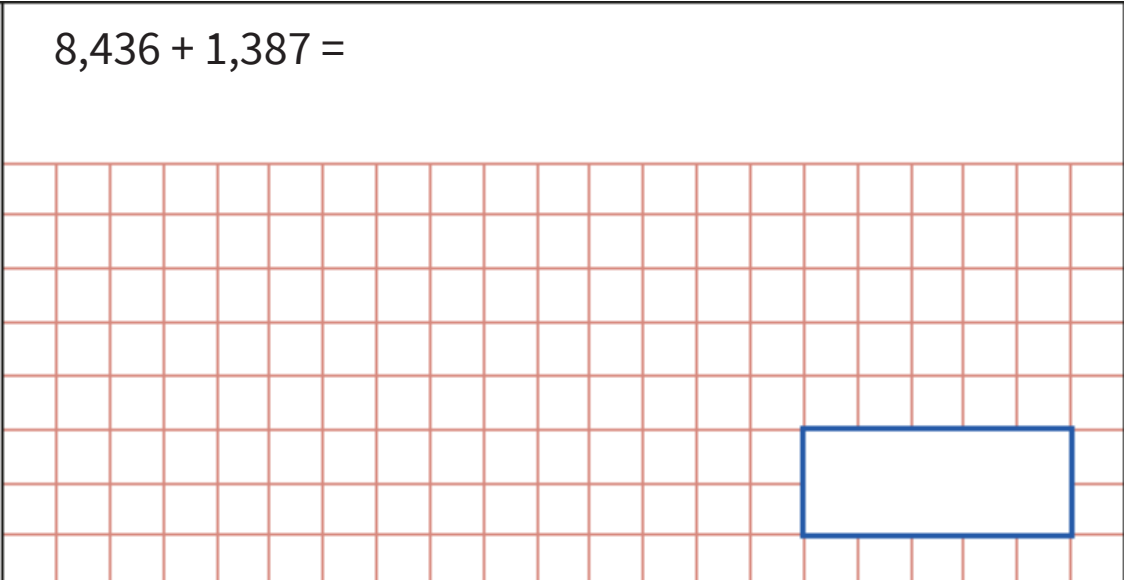
Class..... Score.....

1	$80 \times 50 =$ 	<input data-bbox="1388 1209 1476 1288" type="checkbox"/> 1 mark
---	---------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

2	$600 + 800 =$ 	<input data-bbox="1388 1870 1476 1948" type="checkbox"/> 1 mark
---	-------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

3	 <p>8 $\overline{)356}$</p>	<input data-bbox="1390 712 1469 779" type="checkbox"/> 1 mark
---	--------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

4	$54 + 35 =$ 	<input data-bbox="1390 1328 1469 1395" type="checkbox"/> 1 mark
---	----------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

5	$8,436 + 1,387 =$ 	<input data-bbox="1390 1951 1469 2018" 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. $80 \times 50 = \mathbf{5,000}$ (M)

2. $600 + 800 = \mathbf{1,400}$ (M)

3. $356 \div 8 = \mathbf{43 \text{ r } 2}$ *or* $\mathbf{43 \frac{2}{8}}$ *or* $\mathbf{43.25}$

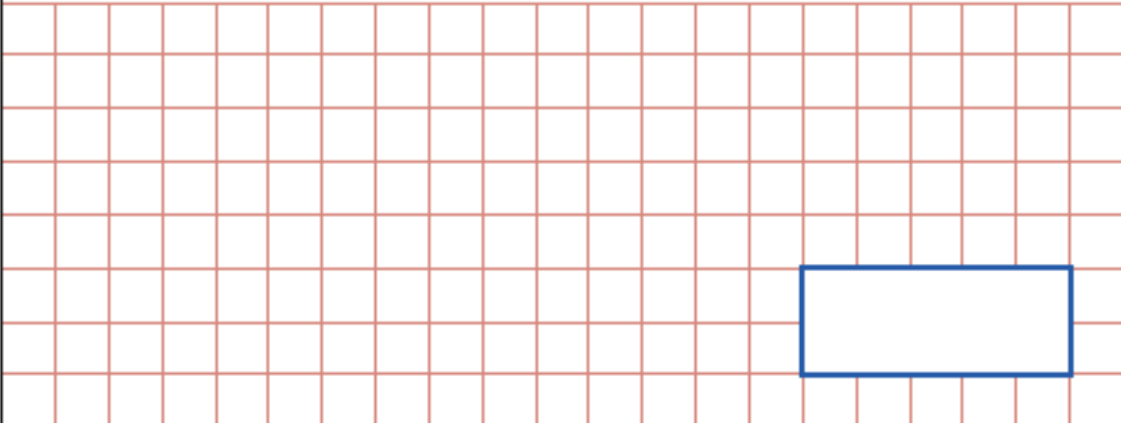
4. $54 + 35 = \mathbf{89}$ (M)

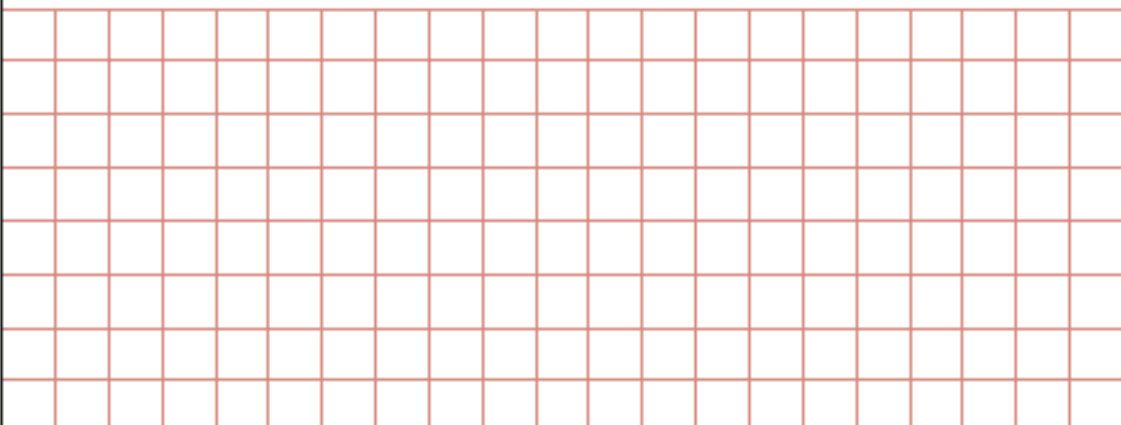
5. $8,436 + 1,387 = \mathbf{9,823}$ (W)

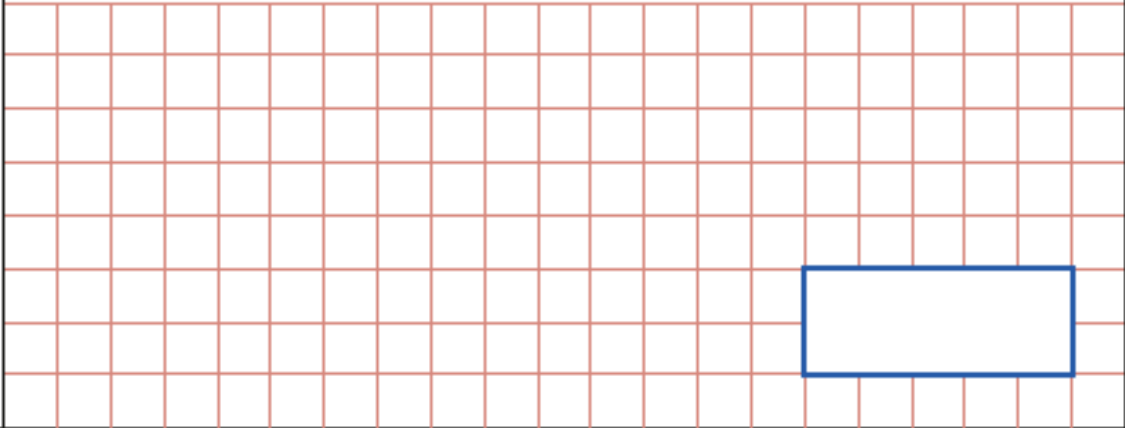
Name.....

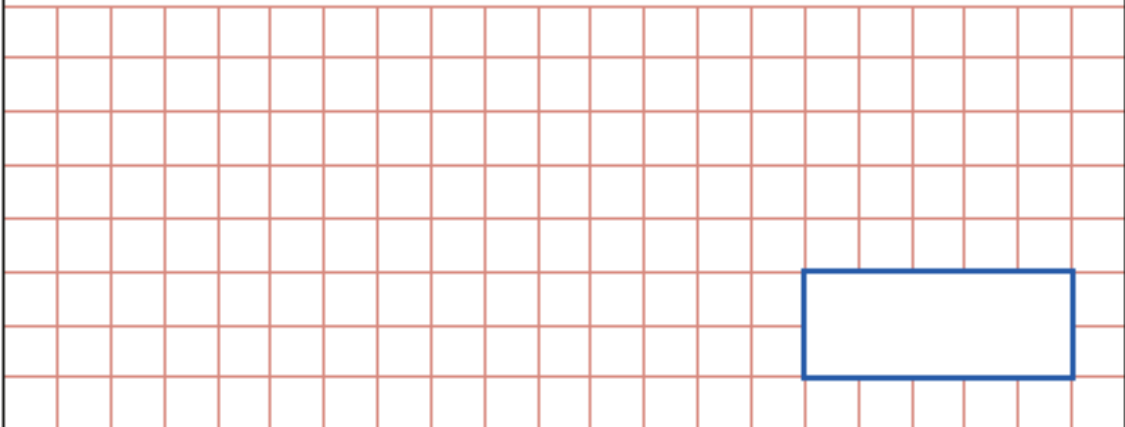
Date.....School.....

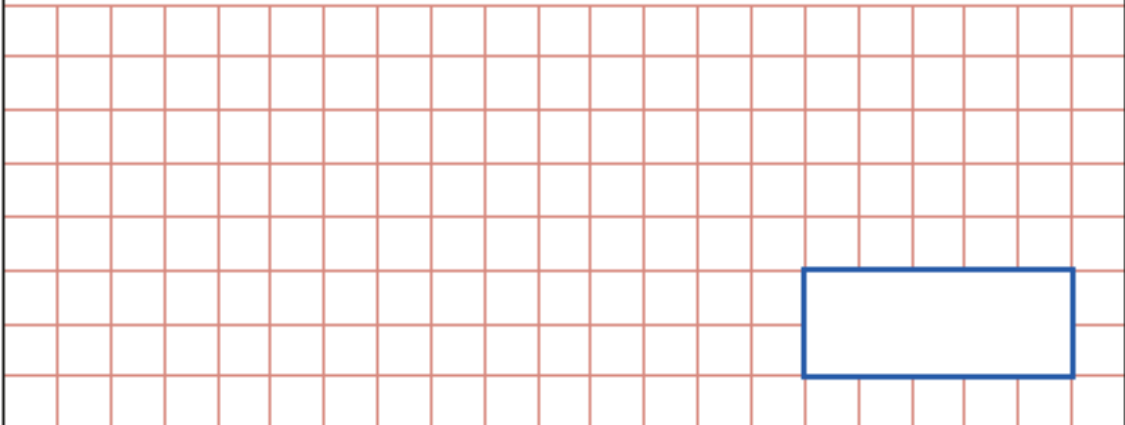
Class.....Score.....

1	$\frac{2}{3}$ of 99 =	<input type="checkbox"/> 1 mark
		

2	700 + <input type="text"/> = 1,300	<input type="checkbox"/> 1 mark
		

3	$7,543 - 5,636 =$ 	<input data-bbox="1390 703 1469 792" type="checkbox"/> 1 mark
---	---------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

4	$765 \times 10 =$ 	<input data-bbox="1390 1330 1469 1420" type="checkbox"/> 1 mark
---	-----------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

5	$873 \times 8 =$ 	<input data-bbox="1390 1935 1469 2024" 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. $\frac{2}{3}$ of 99 = **66** (M)

2. $700 + \mathbf{600} = 1,300$ (M)

3. $7,543 - 5,636 = \mathbf{1,907}$ (W)


4. $765 \times 10 = \mathbf{7,650}$ (M)


5. $873 \times 8 = \mathbf{6,984}$ (W)


Name.....


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


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

1	$30 \times 70 =$ 	<input data-bbox="1385 1211 1465 1294" type="checkbox"/> 1 mark
---	---------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

2	$\boxed{} + 7,643 = 9,876$ 	<input data-bbox="1385 1868 1465 1951" type="checkbox"/> 1 mark
---	----------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

3	$900 + \boxed{} = 1,700$ 	<input data-bbox="1385 705 1465 772" type="checkbox"/> 1 mark
---	-----------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

4	$731 \div 8 =$ 	<input data-bbox="1385 1326 1465 1393" type="checkbox"/> 1 mark
---	--------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

5	$678 + 400 =$ 	<input data-bbox="1385 1951 1465 2018" 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. $30 \times 70 = \mathbf{2,100}$ (M)
2. $\mathbf{2,233} + 7,643 = 9,876$ (W)
3. $900 + \mathbf{800} = 1,700$ (M)
4. $731 \div 8 = \mathbf{91 \text{ r } 3}$ *or* $\mathbf{91 \frac{3}{8}}$ (W)
5. $678 + 400 = \mathbf{1,078}$ (M)


Name.....


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


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

1	$70 \times 7 =$	<input type="text"/> 1 mark
		

2	$6,657 \times 8 =$	<input type="text"/> 1 mark
		

3	$\frac{5}{6}$ of 66 = 	<input data-bbox="1390 707 1466 779" type="checkbox"/> 1 mark
---	-------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------

4	60 x 50 = 	<input data-bbox="1390 1330 1466 1402" type="checkbox"/> 1 mark
---	---------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

5	607 ÷ 8 = 	<input data-bbox="1390 1957 1466 2029" 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. $70 \times 7 = \mathbf{490}$ (M)

2. $6,657 \times 8 = \mathbf{5,256}$ (W)

3. $\frac{5}{6}$ of 66 = **55** (M)

4. $60 \times 50 = \mathbf{3,000}$ (M)

5. $607 \div 8 = \mathbf{75 \text{ r } 7}$ or $\mathbf{75 \frac{7}{8}}$ (W)