

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.....

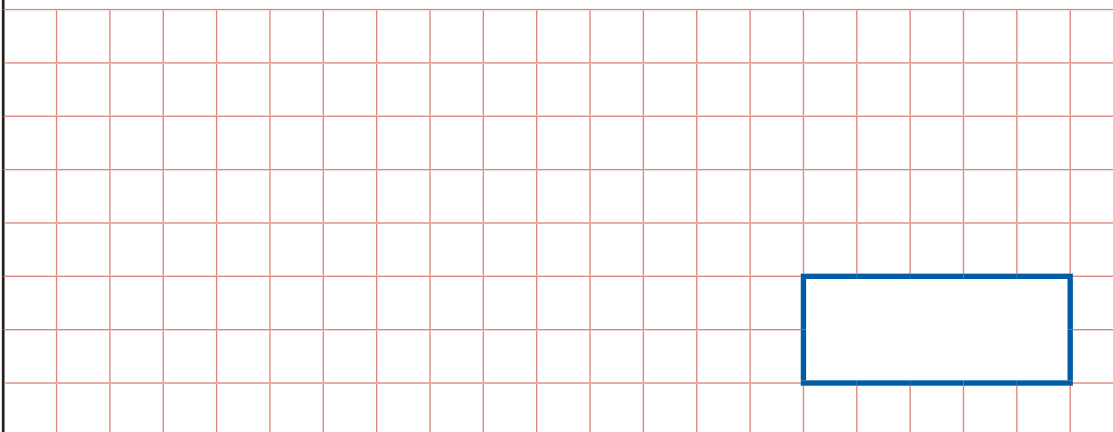
Class.....Score.....

1	$80 + 70 =$	<input type="checkbox"/> 1 mark		
				
			<div style="border: 2px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>	

2	$60 \times 40 =$	<input type="checkbox"/> 1 mark		
				
			<div style="border: 2px solid blue; width: 150px; height: 30px; margin: 0 auto;"></div>	

3

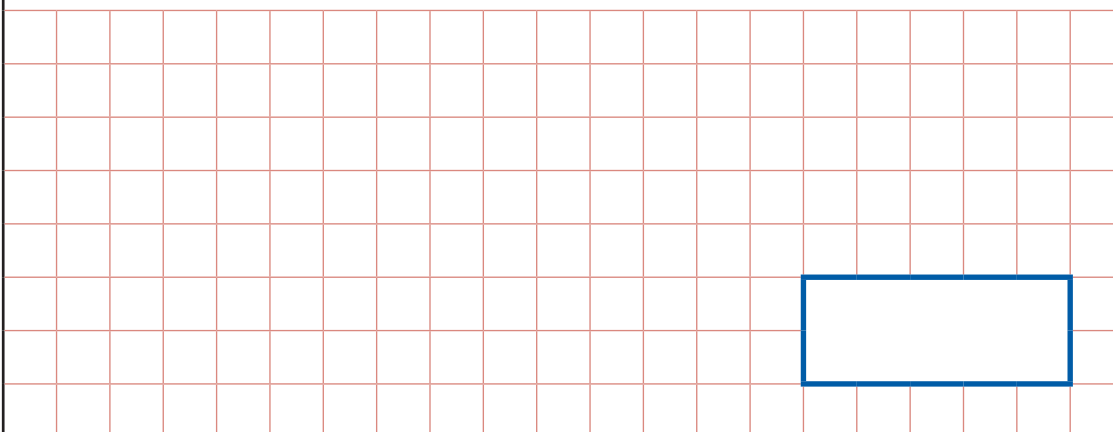
$$528 \div 8 =$$



1 mark

4

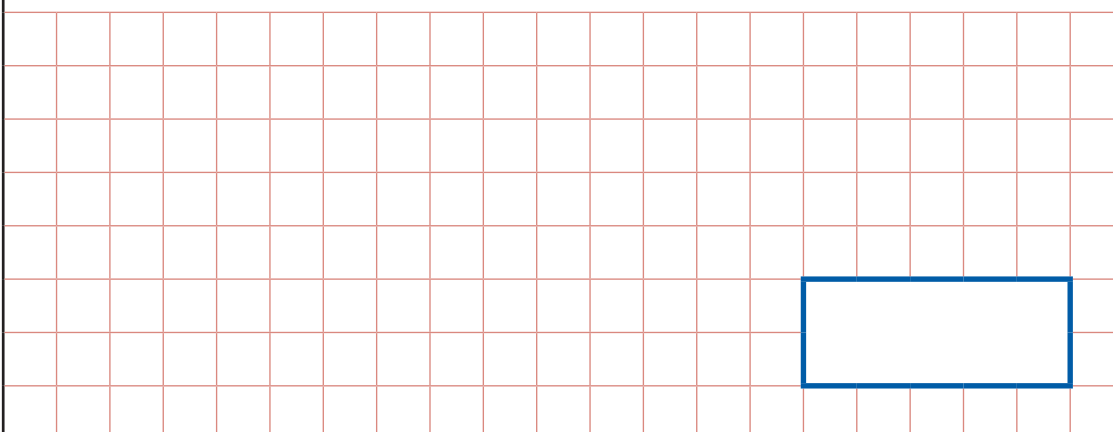
$$\frac{3}{5} \text{ of } 30 =$$



1 mark

5

$$4,543 + 5,567 =$$



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.....

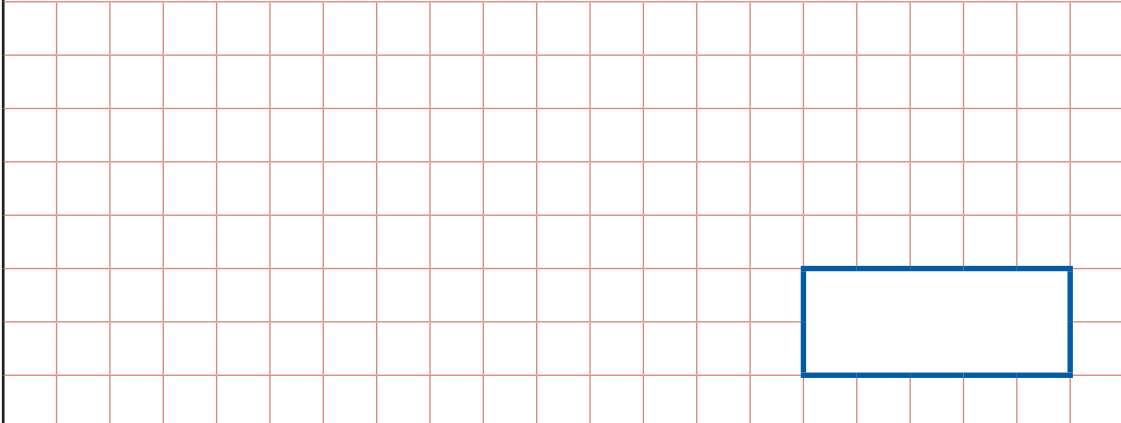
Date..... School.....

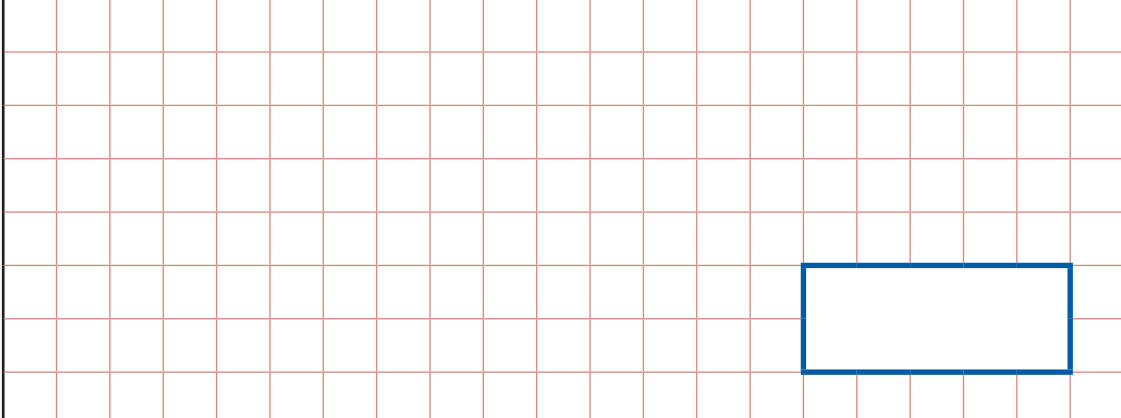
Class..... Score.....

1	$80 \times 50 =$ 	 1 mark
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2	$600 + 800 =$ 	 1 mark
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3		<input data-bbox="1390 714 1469 786" type="text"/> 1 mark
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4	$54 + 35 =$ 	<input data-bbox="1390 1330 1469 1402" type="text"/> 1 mark
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5	$8,436 + 1,387 =$ 	<input data-bbox="1390 1951 1469 2022" 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. $80 \times 50 = \mathbf{4,000}$ (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)

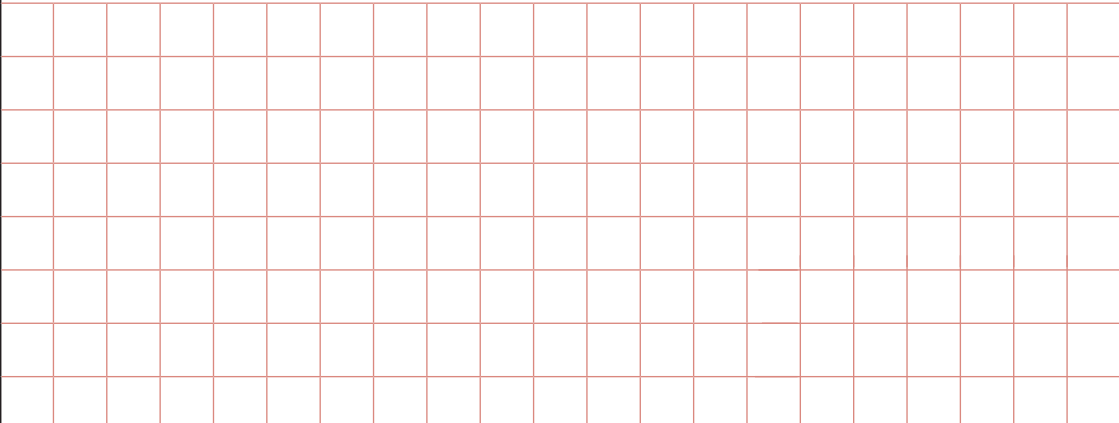
5. $8,436 + 1,387 = \mathbf{9,823}$ (W)

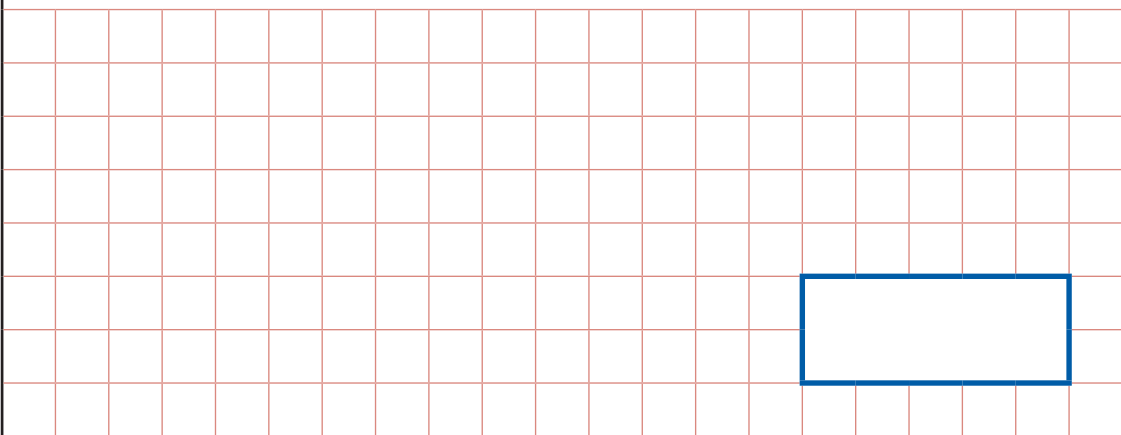
Name.....


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


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

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

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

3	$7,543 - 5,636 =$  <input data-bbox="1029 705 1300 817" type="text"/>	<input data-bbox="1388 705 1468 772" type="checkbox"/> 1 mark
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4	$765 \times 10 =$  <input data-bbox="1029 1332 1300 1444" type="text"/>	<input data-bbox="1388 1332 1468 1400" type="checkbox"/> 1 mark
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5	$873 \times 8 =$  <input data-bbox="1029 1948 1300 2060" type="text"/>	<input data-bbox="1388 1948 1468 2016" 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. $\frac{2}{3}$ 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)

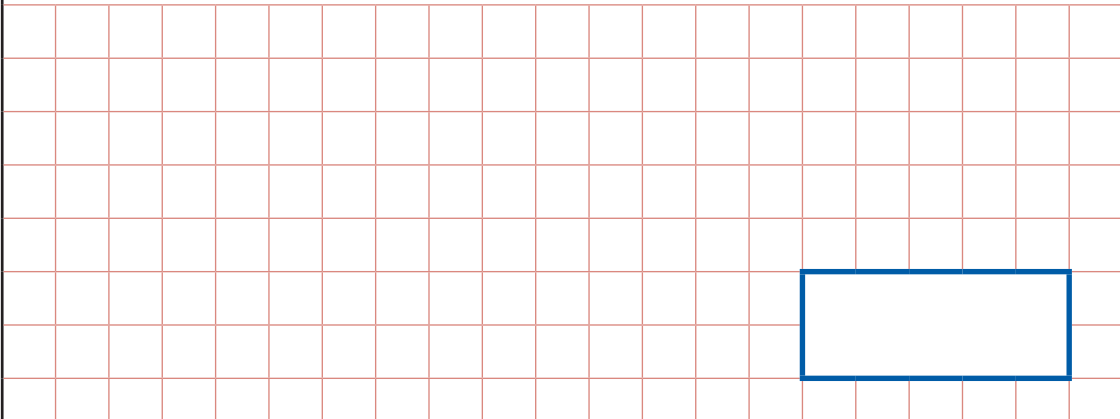
Name.....


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

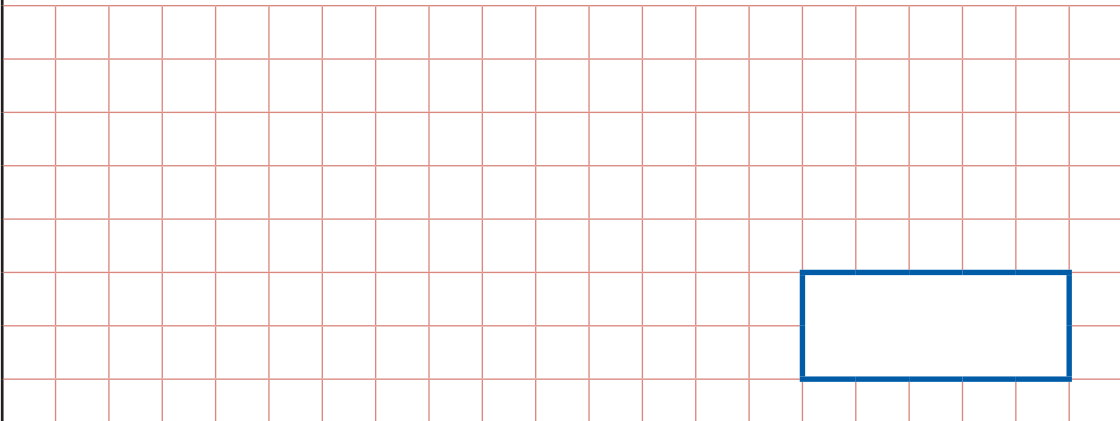
Class..... Score.....

1	$30 \times 70 =$ 	 1 mark
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2	 + 7,643 = 9,876 	 1 mark
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3	$900 + \boxed{} = 1,700$ 	<input data-bbox="1385 705 1465 784" type="checkbox"/> 1 mark
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4	$731 \div 8 =$ 	<input data-bbox="1385 1328 1465 1406" type="checkbox"/> 1 mark
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5	$678 + 400 =$ 	<input data-bbox="1385 1955 1465 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.

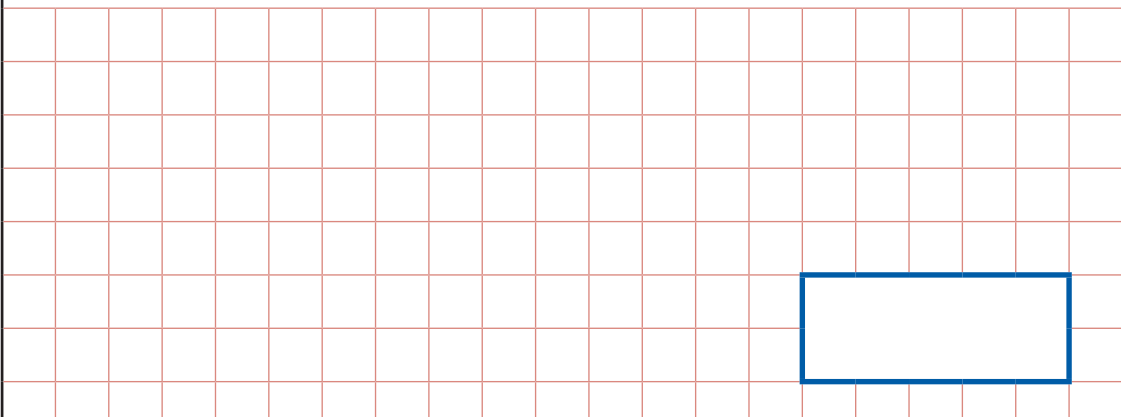
1. $30 \times 70 = \mathbf{2,100}$ (M)
2. $\mathbf{2,233} + 7,643 = 9,876$ (W)
3. $900 + \mathbf{800} = 1,700$ (M)
4. $731 \div 8 = \mathbf{91 \text{ r } 3}$ *or* $\mathbf{91\frac{3}{8}}$ (W)
5. $678 + 400 = \mathbf{1,078}$ (M)

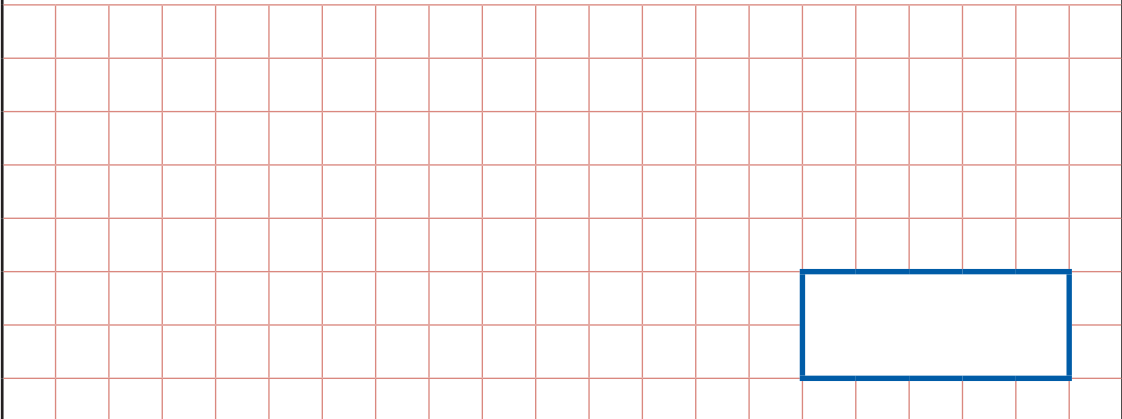
Name.....

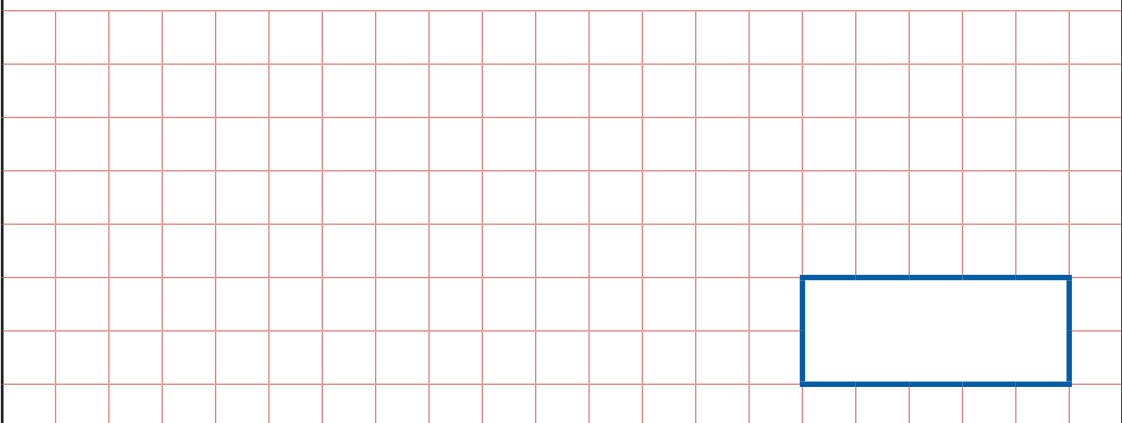
Date.....School.....

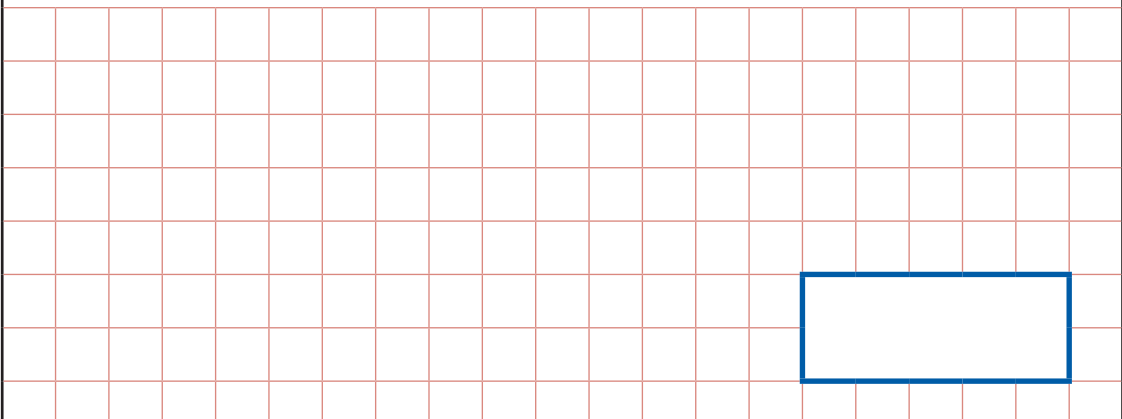
Class.....Score.....

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="1386 705 1466 779" type="checkbox"/> 1 mark
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4	60 x 50 = 	<input data-bbox="1386 1326 1466 1400" type="checkbox"/> 1 mark
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5	607 ÷ 8 = 	<input data-bbox="1386 1951 1466 2024" 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. $70 \times 7 = \mathbf{490}$ (M)

2. $6,657 \times 8 = \mathbf{53,256}$ (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)