

Fluent in Five

Daily Arithmetic Practice
Week 4

Year 6

Year 6 - Week 4

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

This week, children should be becoming increasingly familiar with the Fluent in Five challenge, and should be able to complete the full 5 questions in 5 minutes. Ensure children are using the first 30 seconds of time to identify the mental questions, before tackling these first.

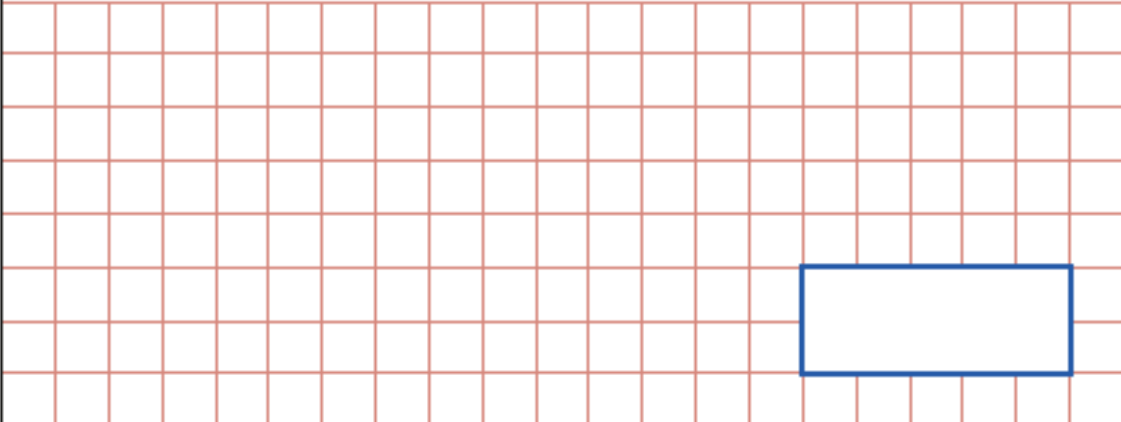
This Week:

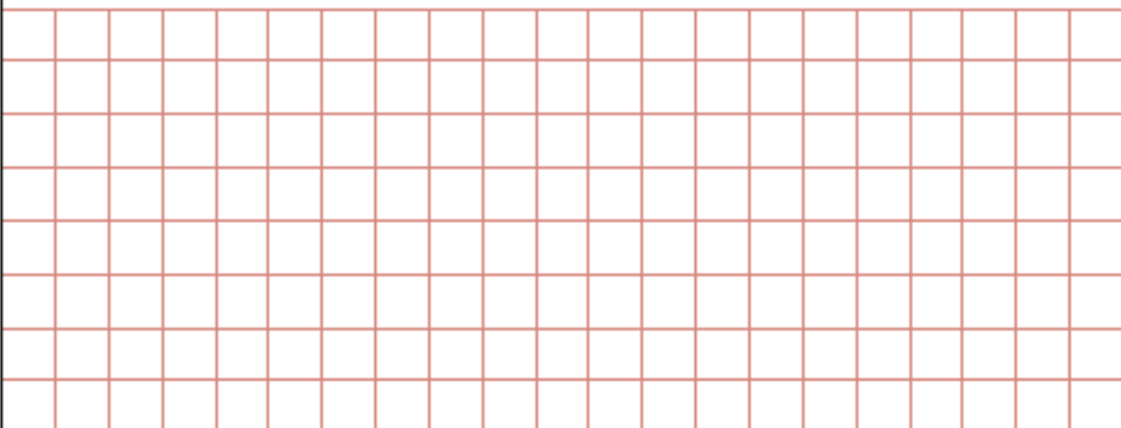
- Mental addition focuses on the addition of decimals, where a place value boundary is not crossed, including where there are an unequal numbers of decimal places.
- Mental multiplication focuses on multiplying decimals by 10 or 100.
- Written addition and subtraction involves decimals where there are an equal number of decimal places.
- Written short division and multiplication involves the 7 times table.
- There is no new fraction content this week.

Name.....

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

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

1	$23.2 + 42.4 =$ 	<input data-bbox="1388 1209 1468 1288" type="checkbox"/> 1 mark
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2	$93,214 - \boxed{} = 7,859$ 	<input data-bbox="1388 1870 1468 1948" type="checkbox"/> 1 mark
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3

$$62.34 \times 100 =$$

1 mark

4

$$76.43 + 24.78 =$$

1 mark

5

$$400 + 1,200 =$$

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. $23.2 + 42.4 = \mathbf{65.6}$ (M)

2. $93,214 - \mathbf{85,355} = 7,859$ (W)

3. $62.34 \times 100 = \mathbf{6,234}$ (M)

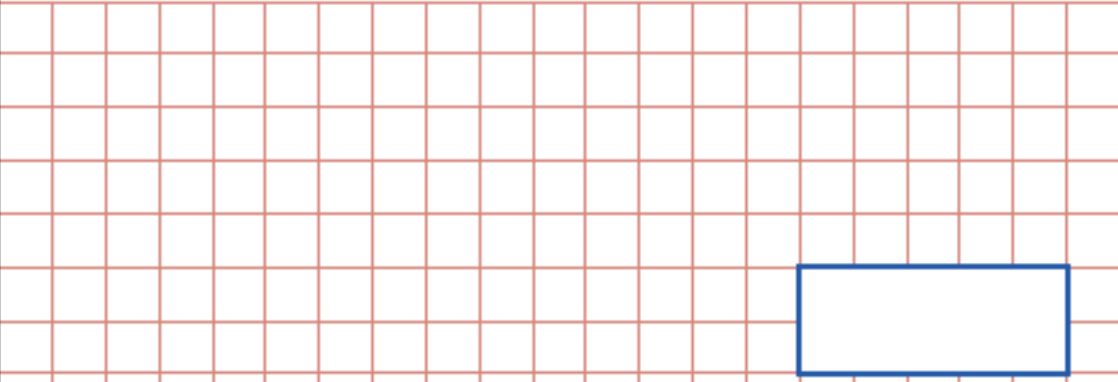
4. $76.43 + 24.78 = \mathbf{101.21}$ (W)

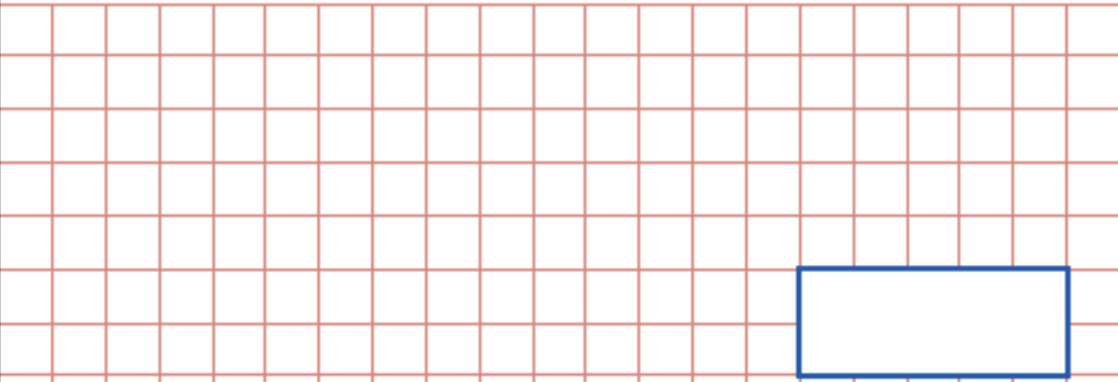
5. $400 + 1,200 = \mathbf{1,600}$ (M)

Name.....

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

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

1	$87.1 + 11.2 =$	<input type="checkbox"/> 1 mark
		

2	$\frac{3}{4}$ of 132 =	<input type="checkbox"/> 1 mark
		

Fluent in Five - Year 6
Week 4 - Day 2

3

$$3,380 \div 6 =$$

1 mark

4

$$69 - 31 =$$

1 mark

5

$$87.32 - 37.41 =$$

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. $87.1 + 11.2 = \mathbf{98.3}$ (M)

2. $\frac{3}{4}$ of 132 = **99** (M)

3. $3,380 \div 6 = \mathbf{563 \text{ r } 2}$ or **563** $\frac{\mathbf{2}}{\mathbf{6}}$ or **563.33** (W)

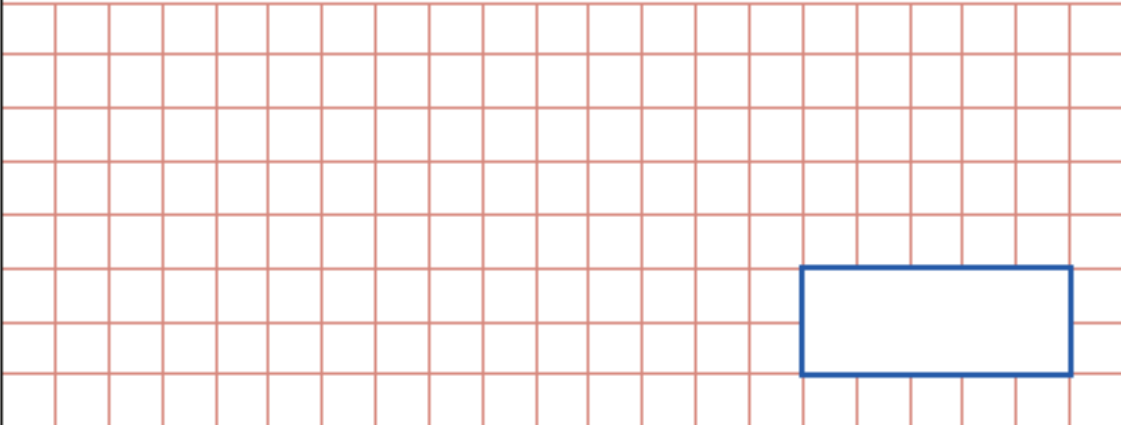
4. $69 - 31 = \mathbf{38}$ (M)

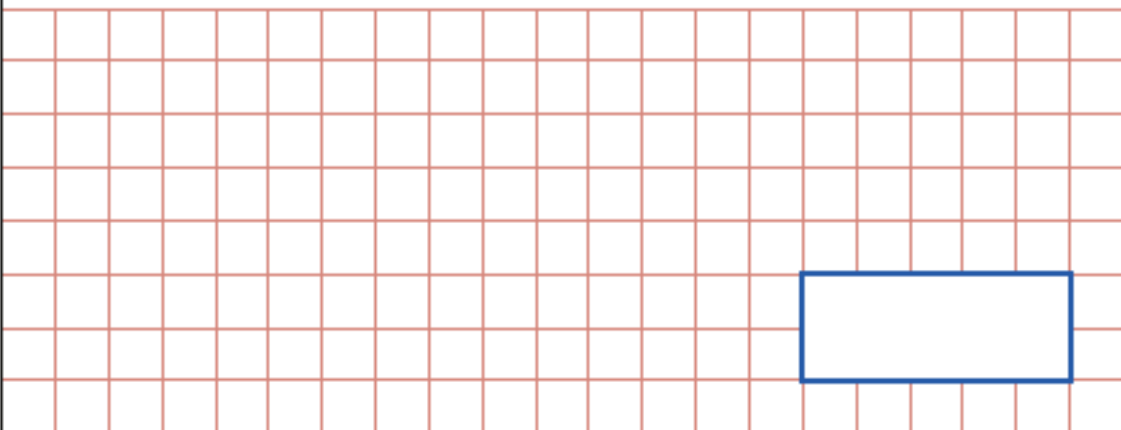
5. $87.32 - 37.41 = \mathbf{49.91}$ (W)

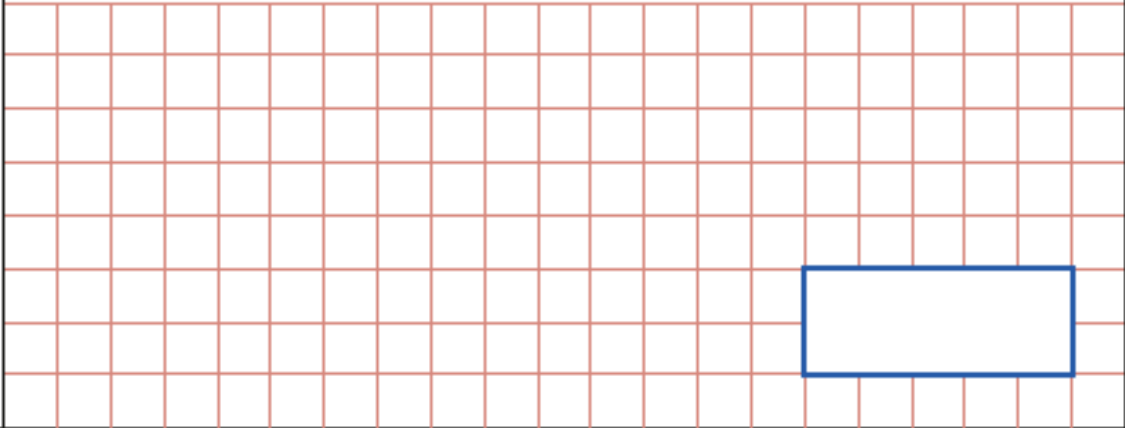
Name.....

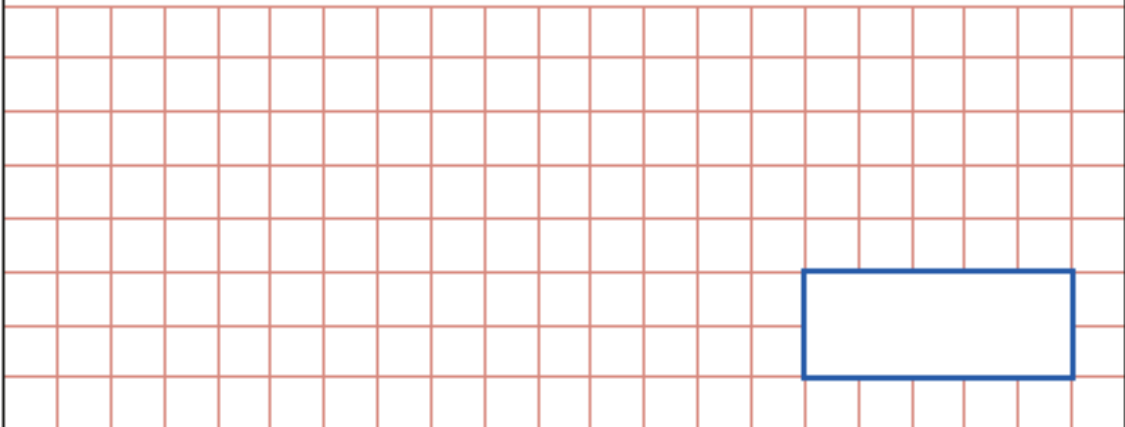
Date.....School.....

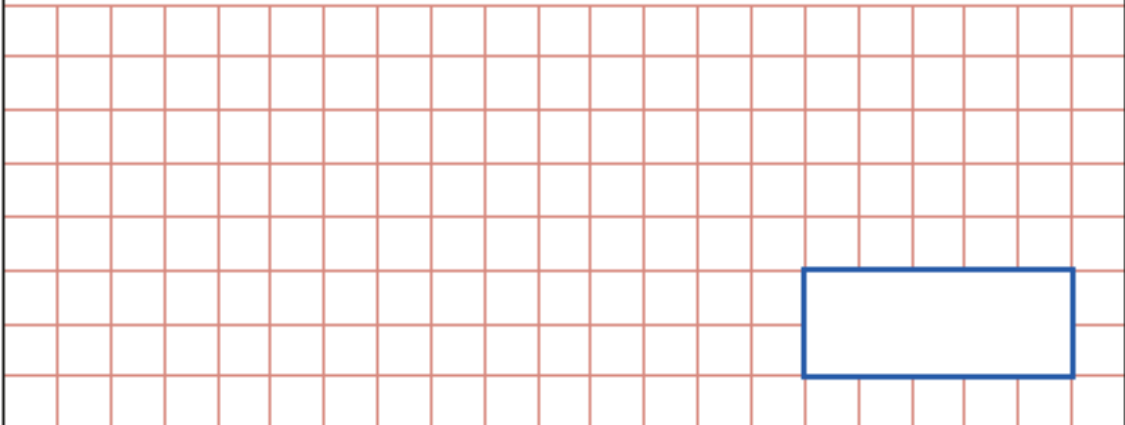
Class.....Score.....

1	$32 + 47 =$	<input type="checkbox"/> 1 mark
		

2	$45.32 + 2.23 =$	<input type="checkbox"/> 1 mark
		

3	$56.47 - 23.85 =$ 	<input data-bbox="1390 703 1469 779" type="checkbox"/> 1 mark
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4	$8.73 \times 10 =$ 	<input data-bbox="1390 1326 1469 1402" type="checkbox"/> 1 mark
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5	$4,568 \div 7 =$ 	<input data-bbox="1390 1937 1469 2013" 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. $32 + 47 = \mathbf{79}$ (M)

2. $45.32 + 2.23 = \mathbf{47.55}$ (M)

3. $56.47 - 23.85 = \mathbf{32.62}$ (W)


4. $8.73 \times 10 = \mathbf{87.3}$ (M)


5. $4,568 \div 7 = \mathbf{652 \text{ r } 4}$ or $\mathbf{652 \frac{4}{7}}$ (W)

Name.....

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

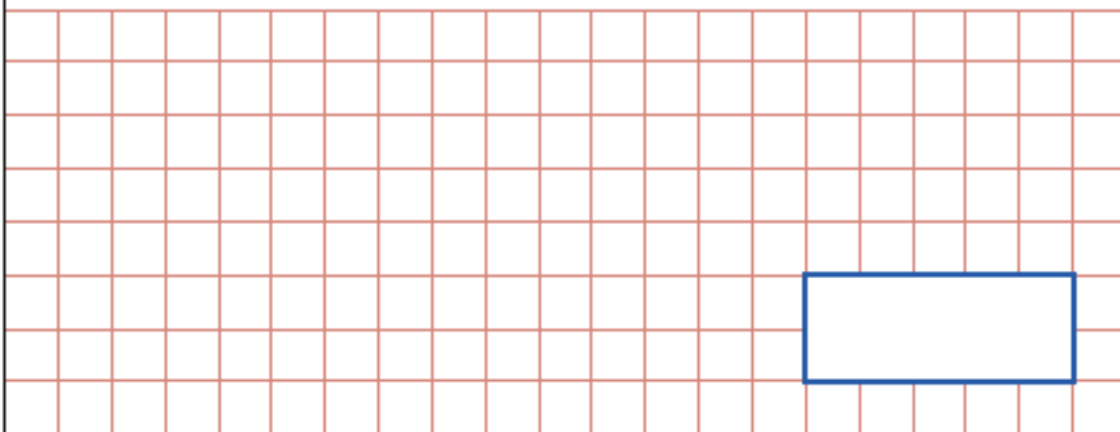
Class..... Score.....

1	$87 + 21 =$ 	<input data-bbox="1385 1211 1465 1290" type="checkbox"/> 1 mark
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2	$46 \times 29 =$ 	<input data-bbox="1385 1865 1465 1944" type="checkbox"/> 2 marks
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3

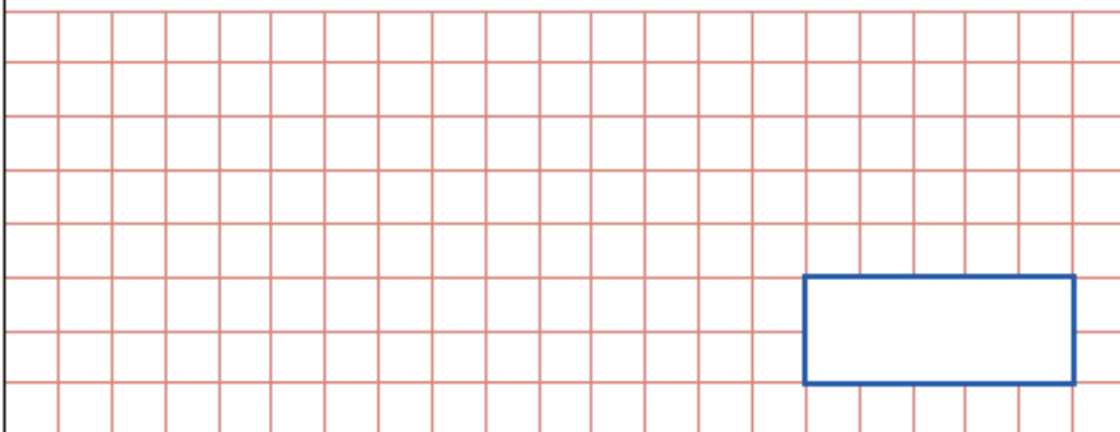
$$893 + 30 =$$



1 mark

4

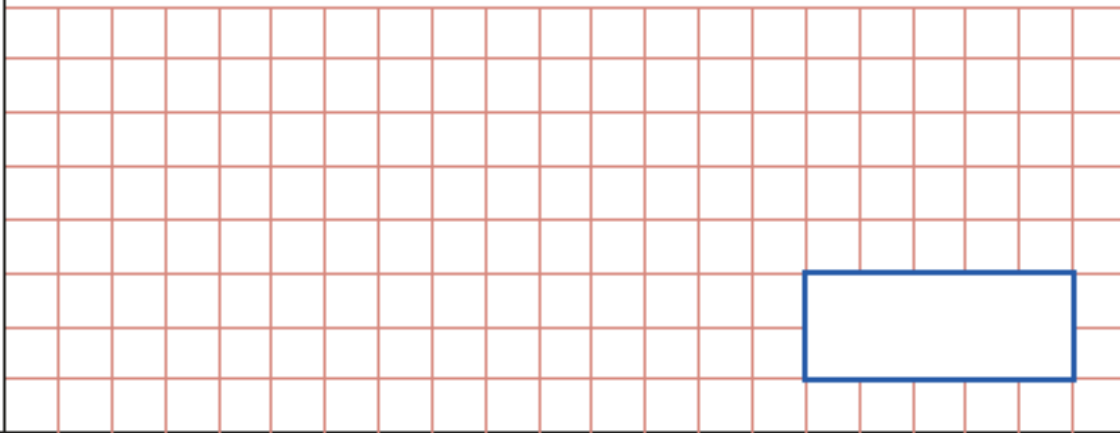
$$93.1 \times 100 =$$



1 mark

5

$$2,074 \div 7 =$$



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. $87 + 21 = \mathbf{108}$ (M)

2. $46 \times 29 = \mathbf{1,334}$ (W)

3. $893 + 30 = \mathbf{923}$ (M)

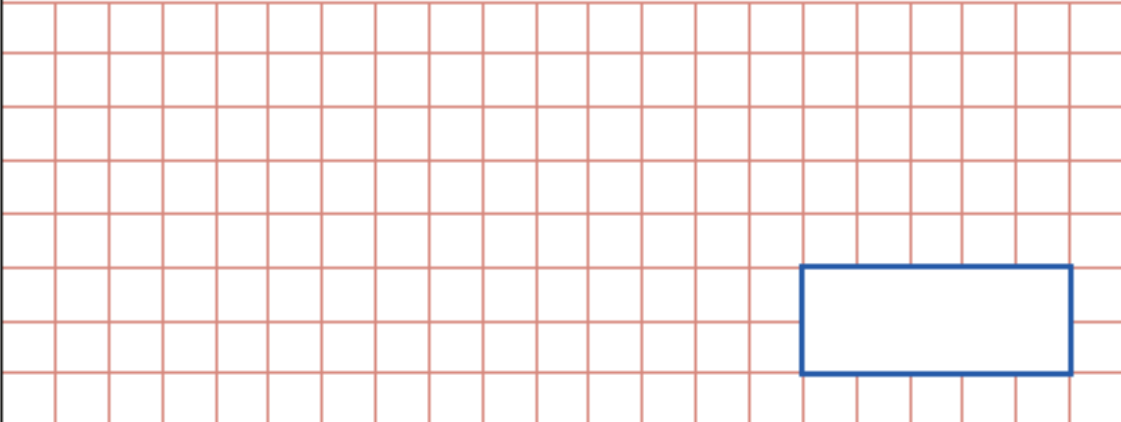
4. $93.1 \times 100 = \mathbf{9,310}$ (M)

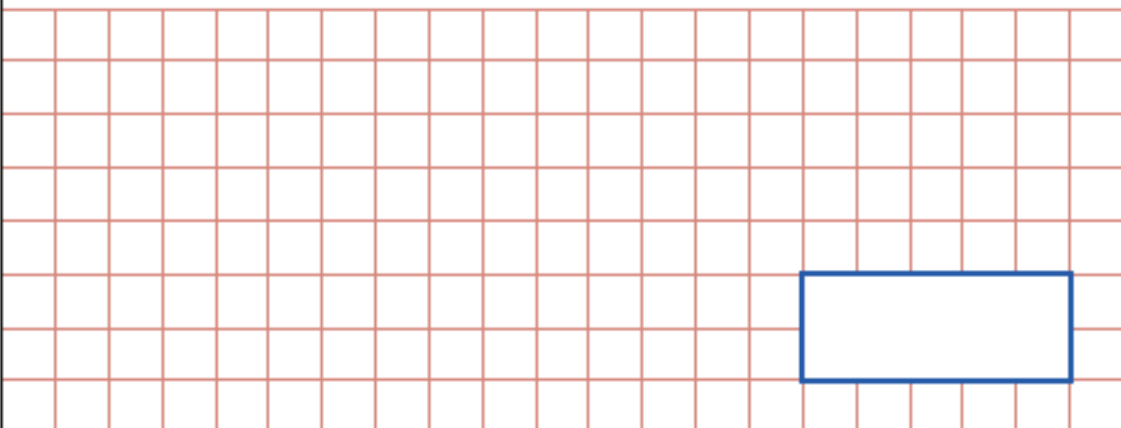
5. $2,074 \div 7 = \mathbf{296 \text{ r } 2}$ or $\mathbf{296 \frac{2}{7}}$ (W)

Name.....

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

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

1	$\frac{5}{6}$ of 36 =	<input type="text"/>	<input type="checkbox"/> 1 mark
			

2	$69.56 + 13.68 =$	<input type="text"/>	<input type="checkbox"/> 1 mark
			

3

$$56.43 + 11.3 =$$

1 mark

4

$$3.321 \times 100 =$$

1 mark

5

$$857 + 14,894 =$$

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. $\frac{5}{6}$ of 36 = **30** (M)

2. $69.56 + 13.68 = \mathbf{83.24}$ (W)

3. $56.43 + 11.3 = \mathbf{67.73}$ (M)

4. $3.321 \times 100 = \mathbf{332.1}$ (M)

5. $857 + 14,894 = \mathbf{15,751}$ (W)