Fluent in Five

Daily Arithmetic Practice
Week 3

Year 5

THIRD SPACE LEARNING

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.

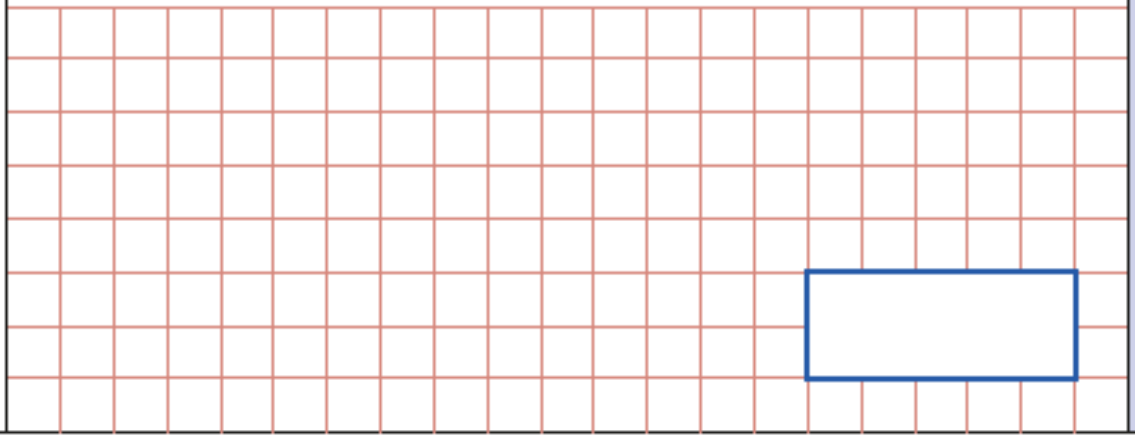
- Mental multiplication focuses on multiplying multiples of 10 by other multiples of 10 (e.g 70 x 60)
- Mental addition focuses on adding multiples of 10 where the answer crosses into the thousands.
- Mental subtraction involves subtracting multiples of 10 using the inverse relationship.
- Fraction questions 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.....

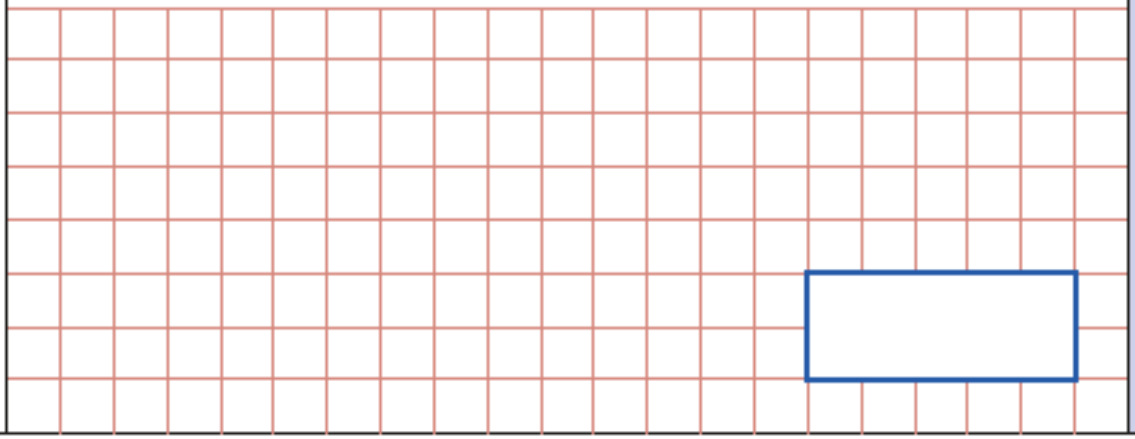
Class.....Score.....

1 $80 + 70 =$



1 mark

2 $60 \times 40 =$



1 mark

3 $528 \div 8 =$

1 mark

4 $\frac{3}{5}$ 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 = **150** (M)

2. 60 x 40 = **2,400** (M)

3. 528 ÷ 8 = **66** (W)

4. $\frac{\mathbf{3}}{\mathbf{5}}$ of 30 = **18** (M)

5. 4,543 + 5,567 = **10,110** (W)

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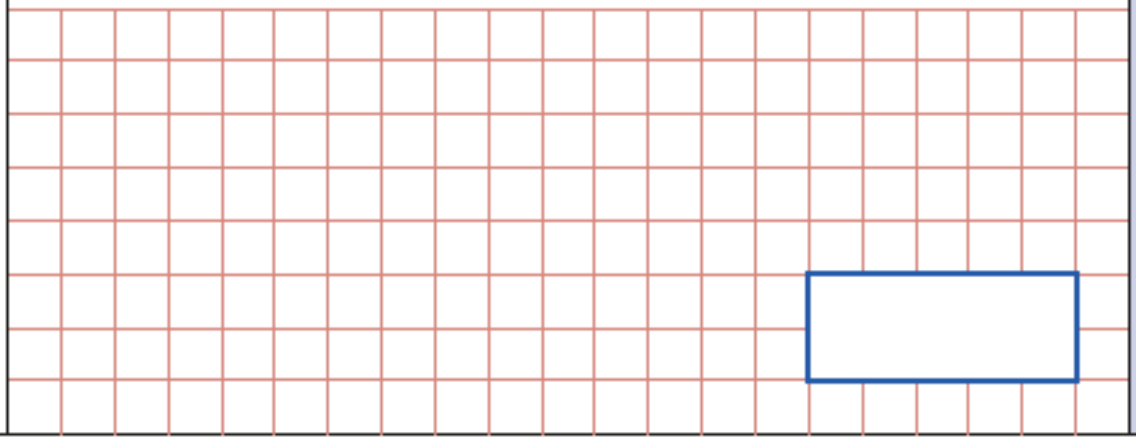
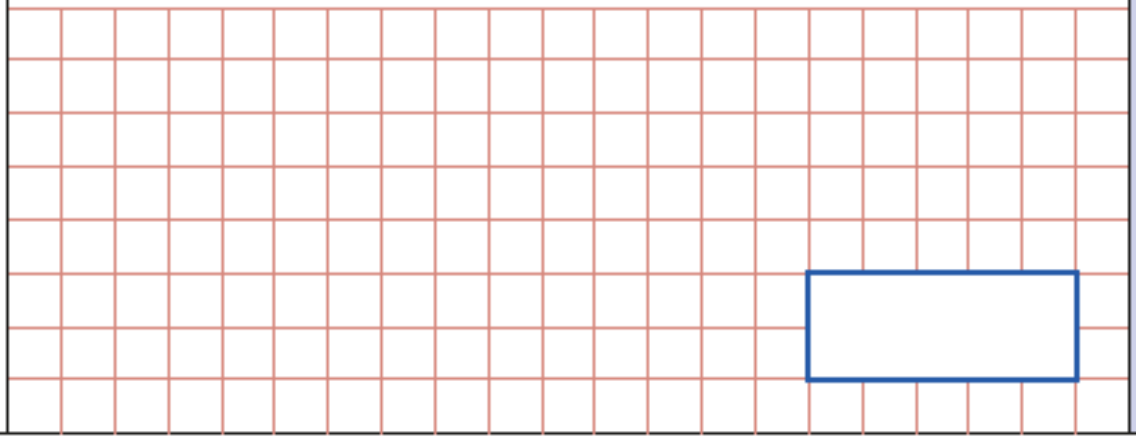
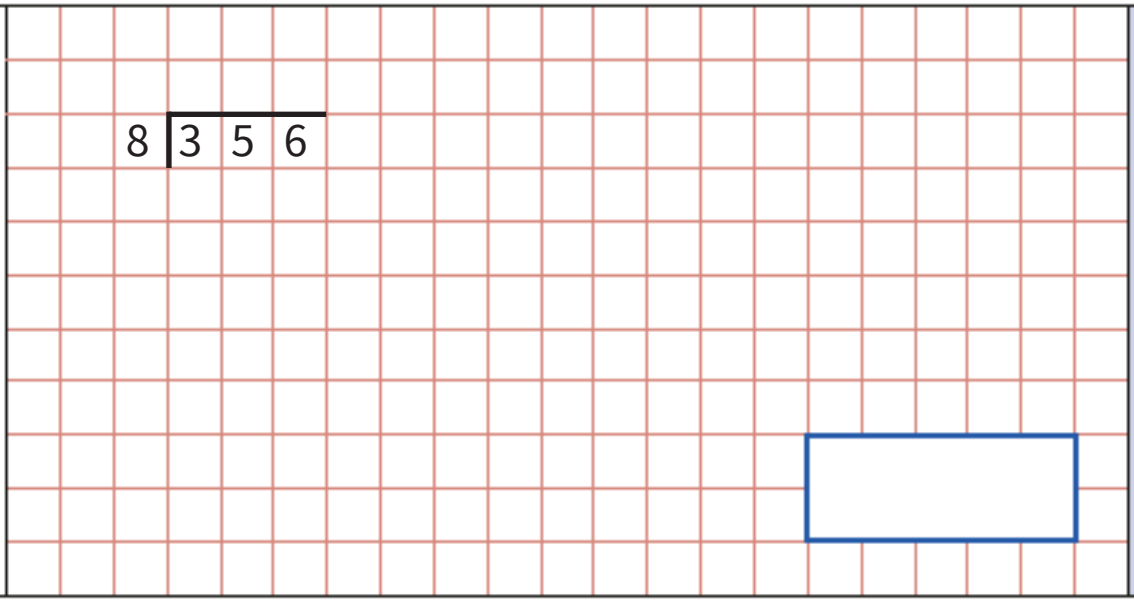
1	80 x 50 = 	1 mark

2	600 + 800 = 	1 mark

3



1 mark

4 54 + 35 =

1 mark

5 8,436 + 1,387 =

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 x 50 = **4,000** (M)

2. 600 + 800 = **1,400** (M)

3. 356 ÷ 8 = **44 r 4 *or* 44.5**

4. 54 + 35 = **89** (M)

5. 8,436 + 1,387 = **9,823** (W)

Name.....

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

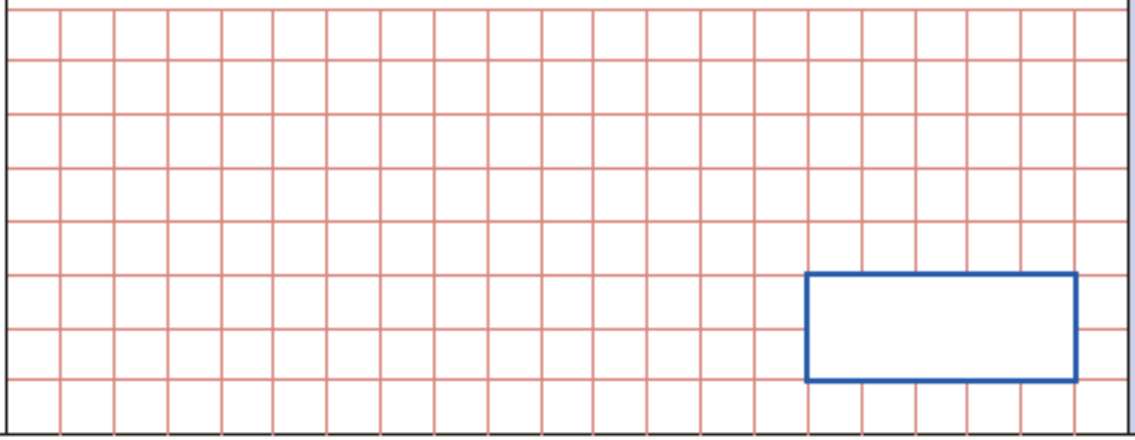
1 $\frac{2}{3}$ of 99 =

1 mark

2 700 + ☐ = 1,300

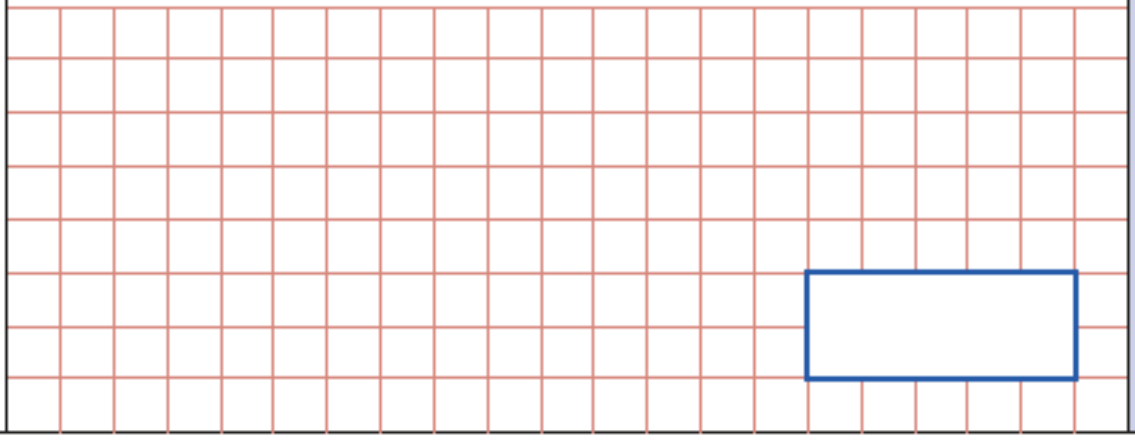
1 mark

3 7,543 – 5,636 =



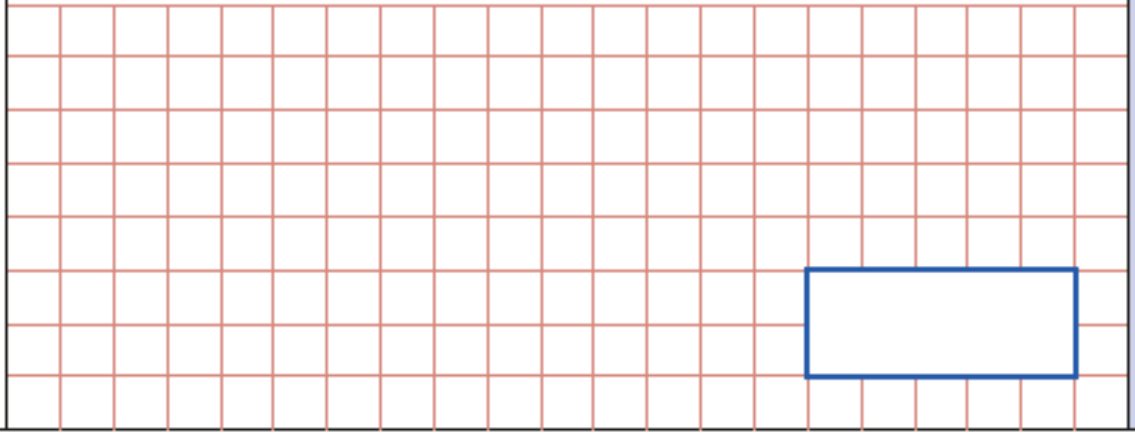
1 mark

4 765 x 10 =



1 mark

5 873 x 8 =



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 + **600** = 1,300 (M)

3. 7,543 – 5,636 = **1,907** (W)

4. 765 x 10 = **7,650** (M)

5. 873 x 8 = **6,984** (W)

Name.....

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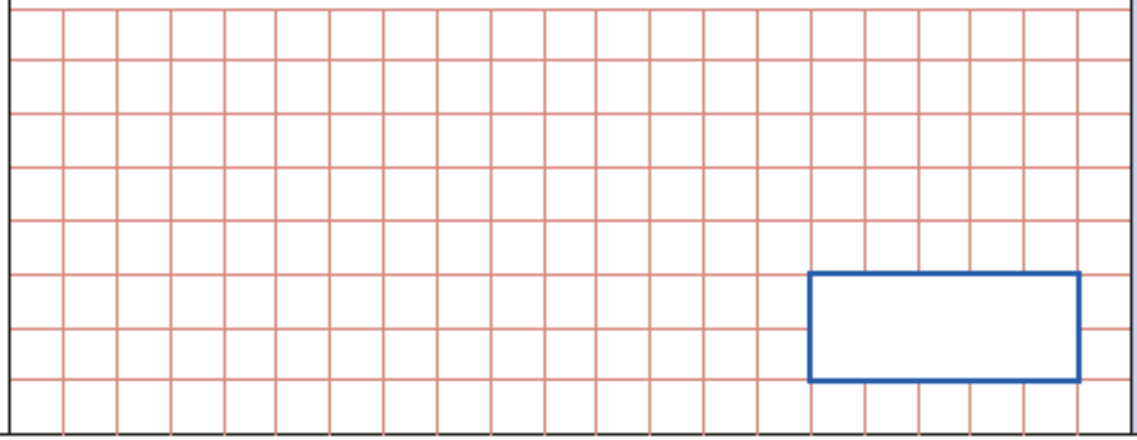
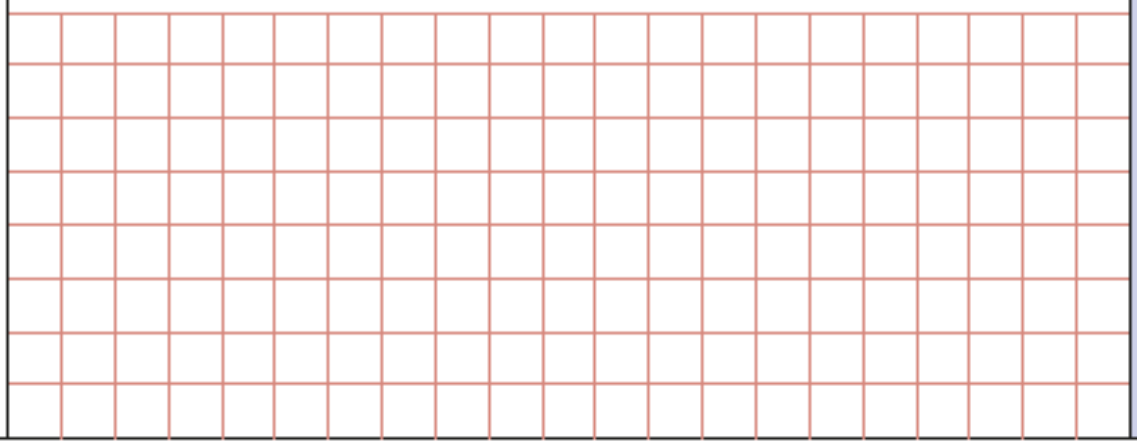
Class.....Score.....

1 $30 \times 70 =$



1 mark

2 $\square + 7{,}643 = 9{,}876$



1 mark

3 $900 + \square = 1{,}700$

1 mark

4 $731 \div 8 =$

1 mark

5 $678 + 400 =$

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 x 70 = **2,100** (M)

2. **2,233** + 7,643 = 9,876 (W)

3. 900 + **800** = 1,700 (M)

4. 731 ÷ 8 = **91 r 3** ***or*** **91** $\frac{\mathbf{3}}{\mathbf{8}}$ (W)

5. 678 + 400 = **1,078** (M)

Name.....

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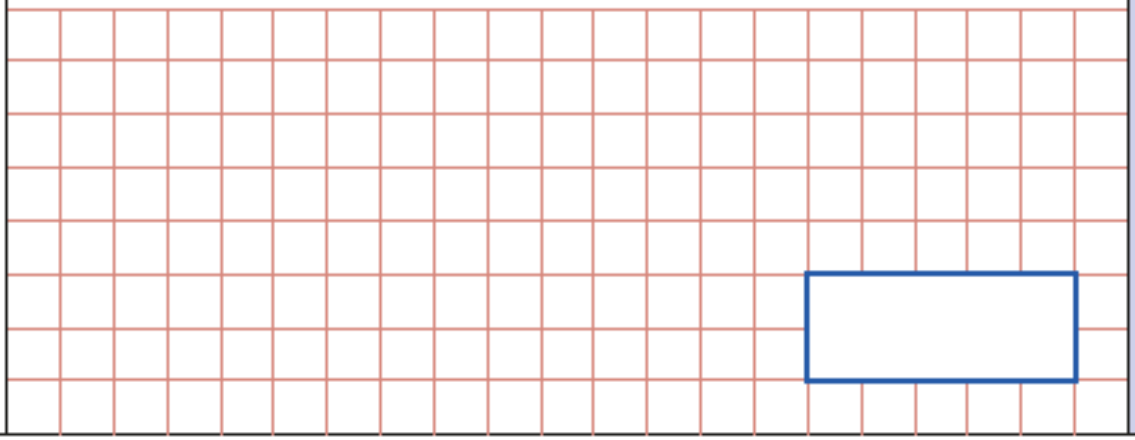
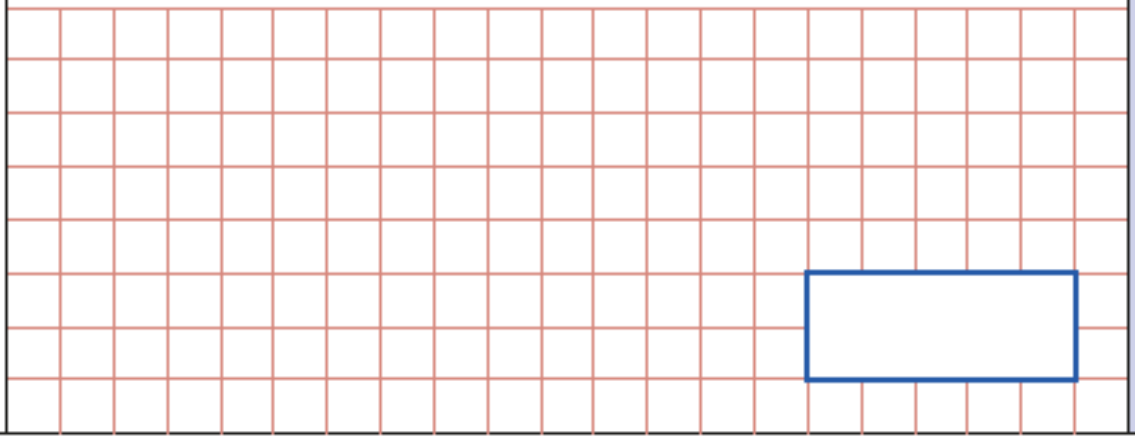
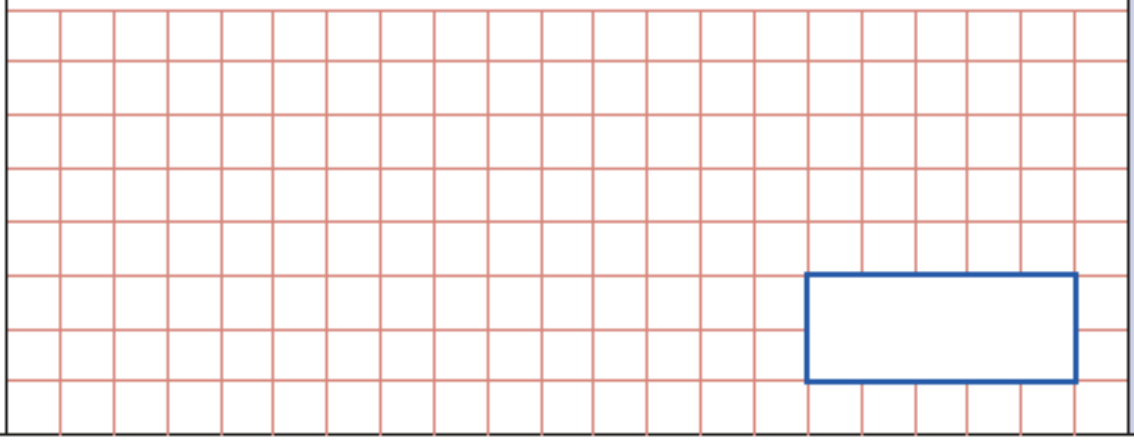
Class.....Score.....

1	70 x 7 = 	1 mark

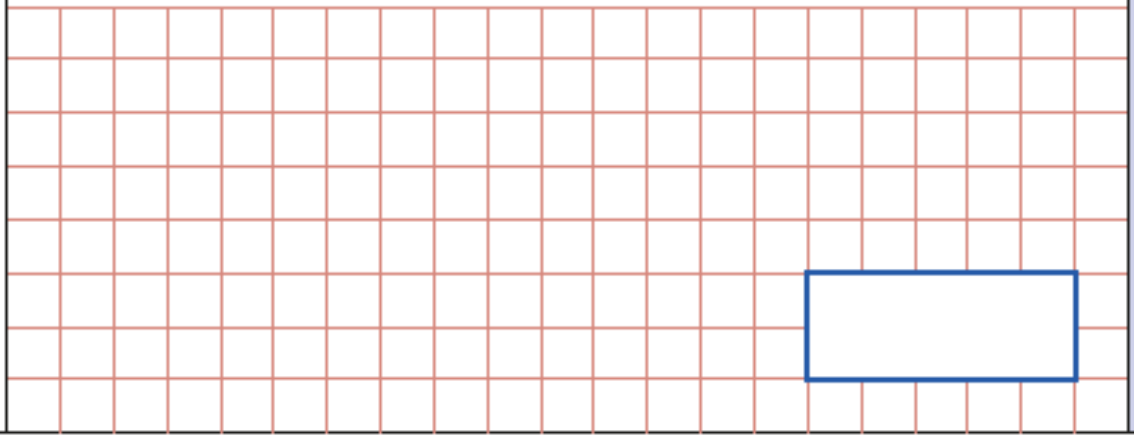
2	6,657 x 8 = 	1 mark

3 $\frac{5}{6}$ of 66 =



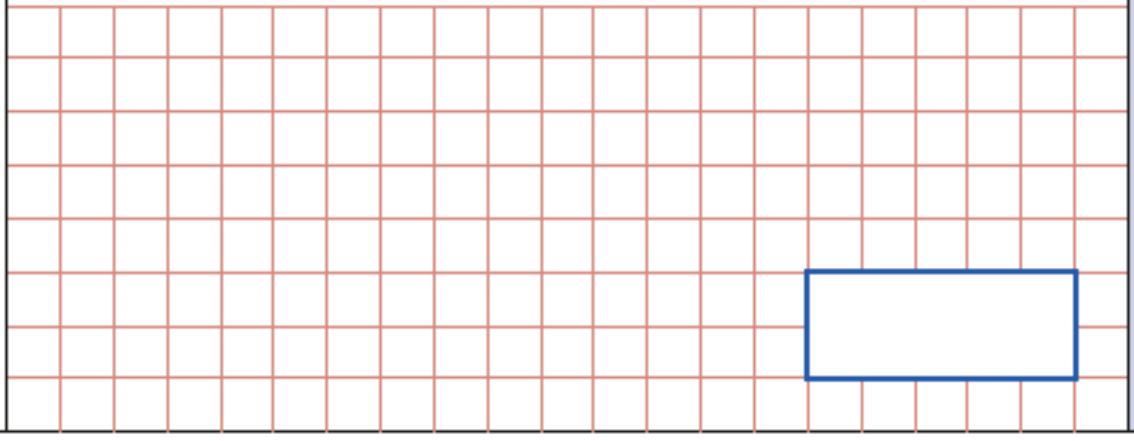
1 mark

4 60 x 50 =



1 mark

5 607 ÷ 8 =



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 x 7 = **490** (M)

2. 6,657 x 8 = **53,256** (W)

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

4. 60 x 50 = **3,000** (M)

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