Fluent in Five

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.
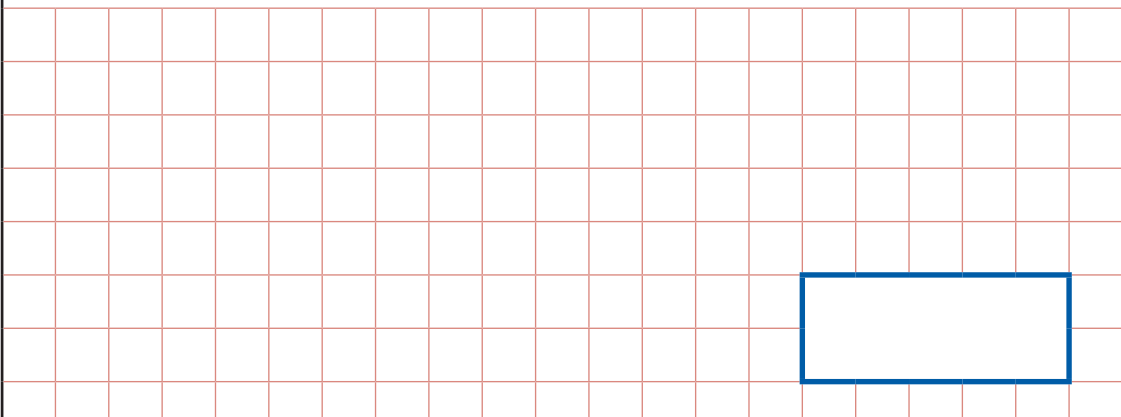
- Mental multiplication focuses on multiplying multiples of 10 by other multiples of 10 (e.g 70 x 60)
- Mental addition focuses on adding multiples of 10 where the answer crosses into the thousands.
- Mental subtraction involves subtracting multiples of 10 using the inverse relationship.
- Fraction questions 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 x 40 =	1 mark

3 528 ÷ 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. $\dfrac{3}{5}$ of 30 = **18** (M)

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

Name...

Date..School...

Class...Score...

1	80 x 50 =	1 mark

2	600 + 800 =	1 mark

3

8 | 3 5 6

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. $80 \times 50 =$ **4,000** (M)

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

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

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

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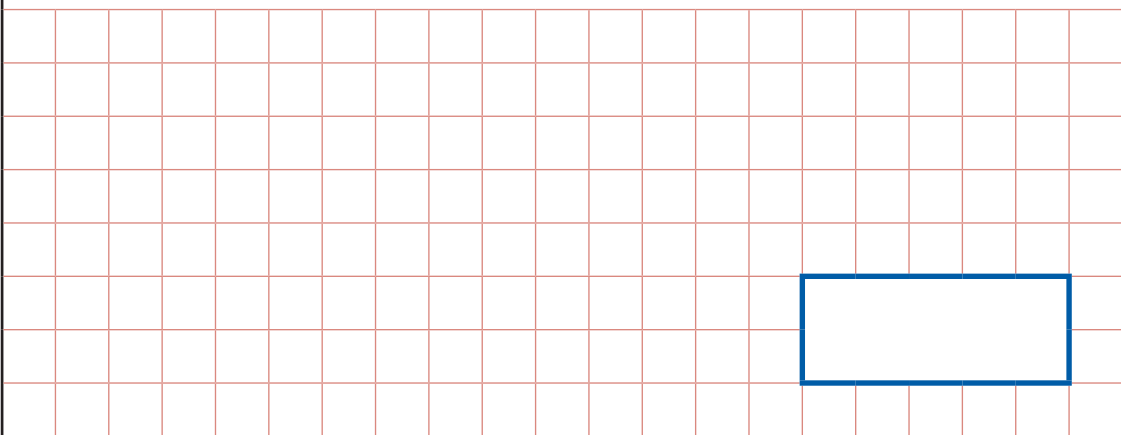
Name..

Date...School..

Class..Score..

1	$\dfrac{2}{3}$ 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)
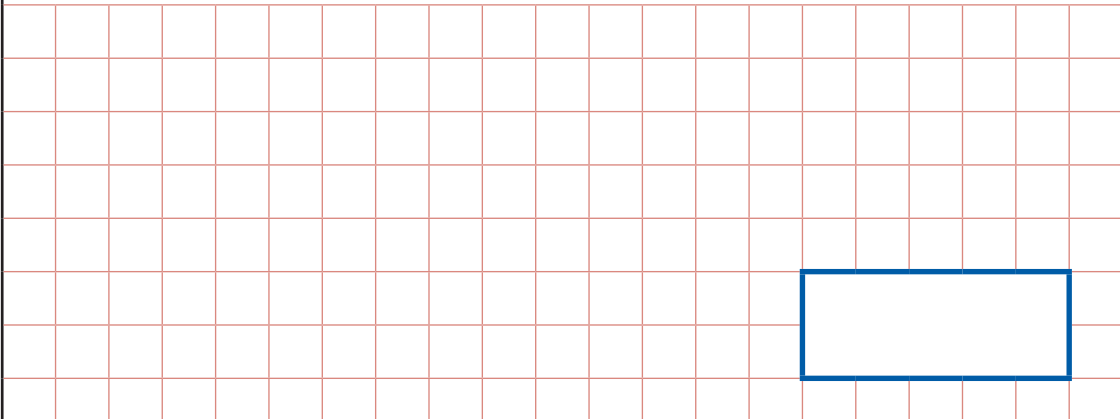
Name..
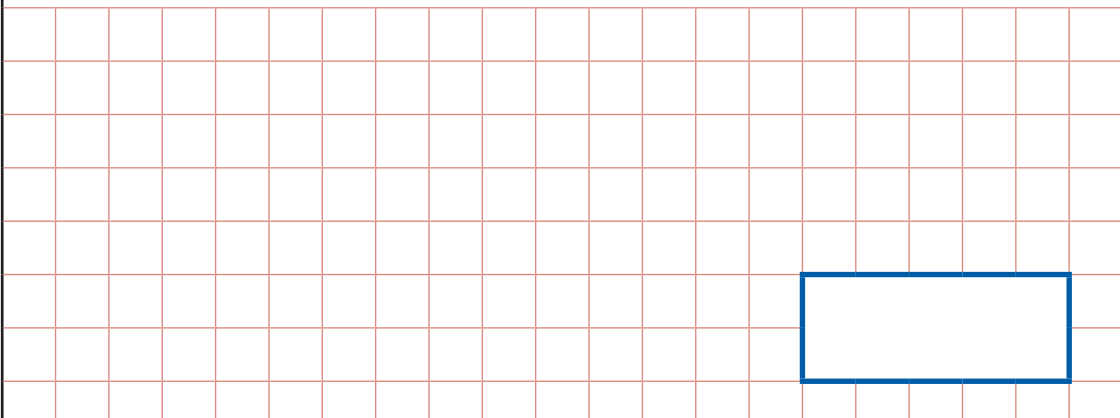
Date..School..

Class..Score..

1	30 x 70 =	
		1 mark

2	[ ] + 7,643 = 9,876	
		1 mark

| 3 | $900 + \boxed{} = 1{,}700$ | 1 mark |

| 4 | $731 \div 8 =$ | 1 mark |

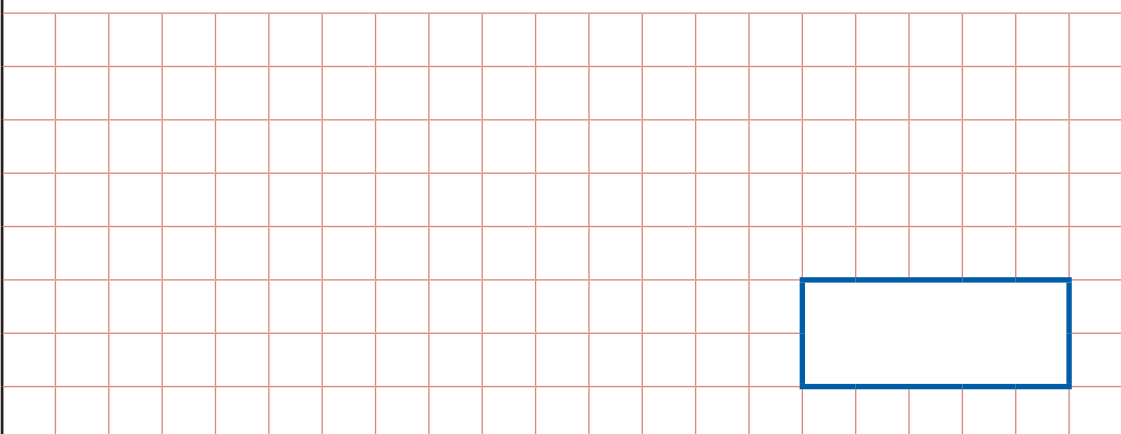| 5 | $678 + 400 =$ | 1 mark |

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.
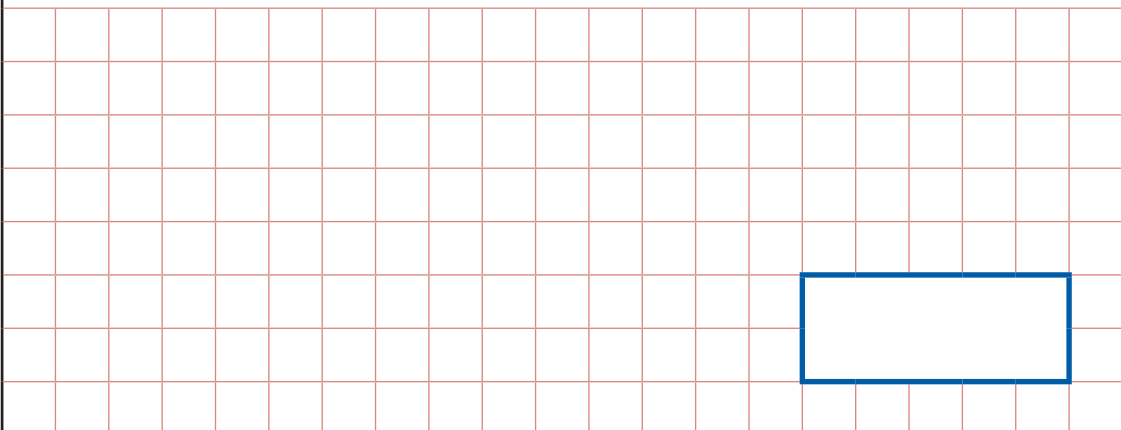
1. 30 x 70 = **2,100** (M)

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

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

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

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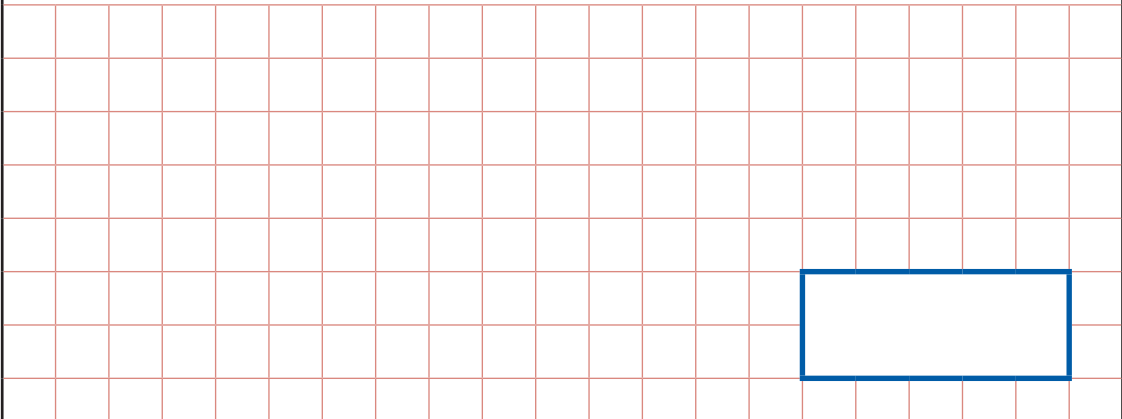
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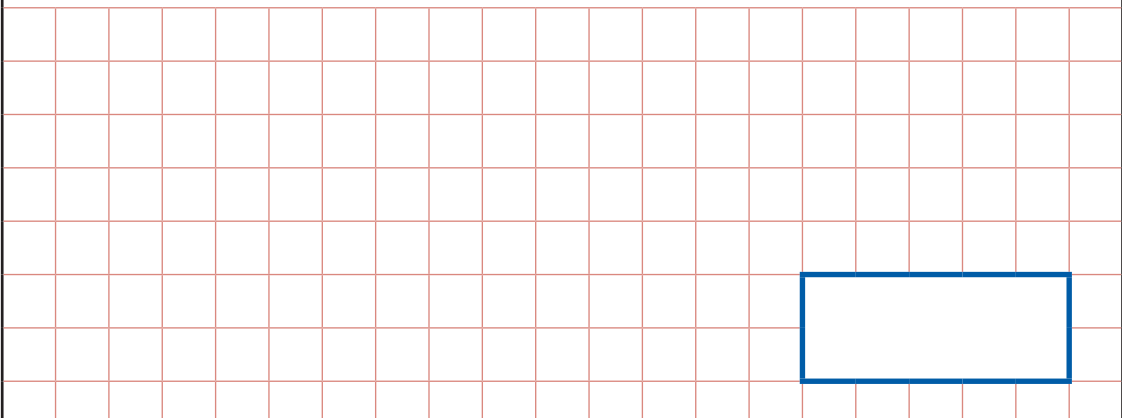
Date..School..................................

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

1	70 x 7 =	1 mark

2	6,657 x 8 =	1 mark

| 3 | $\dfrac{5}{6}$ 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 $\frac{7}{8}$** (W)