Fluent in Five

Daily Arithmetic Practice
Week 8

Year 5

THIRD SPACE LEARNING

Year 5 - Week 8

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

- Pupils are introduced to multiplying fractions by whole numbers. For both of these styles of questions, answers can be given in any equivalent form.
- Mental multiplication and division skills from the previous 7 weeks are recapped throughout the week, and pupils are also introduced to mentally multiplying by 25 for the first time.
- This week, pupils are introduced to questions which involve the multiplication of two 2-digit numbers using a written method for the first time.

Note, questions which require the use of a written method to multiply a 2-digit number by a 2-digit number will always gain 2 marks in the arithmetic test.In these questions, a method marks is awarded where there is no more than 1 arithmetic error in a complete method.

Fluent in Five - Year 5
Week 8 - Day 1

Name.....

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

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

1 $57,694 + 67,896 =$

1 mark

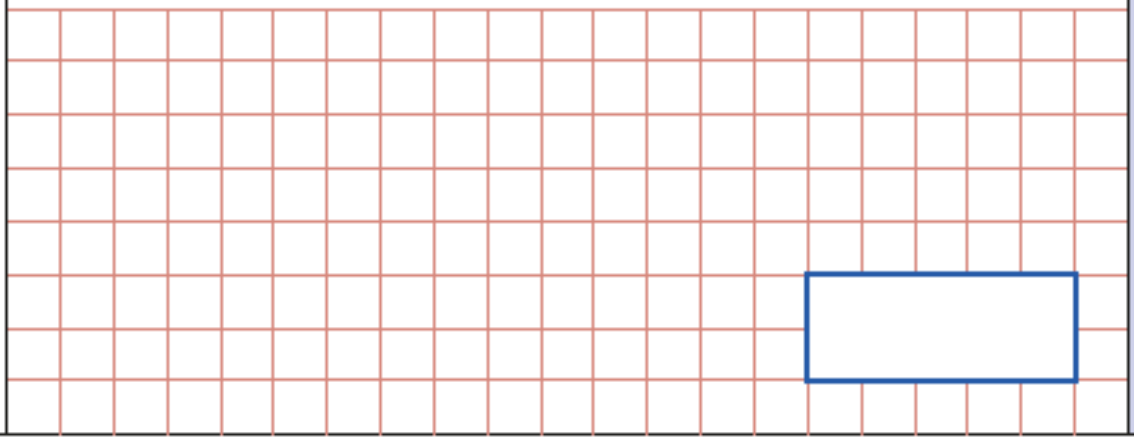
2 $\frac{1}{3} + \frac{1}{3} =$

1 mark

3 $5 \times 25 =$

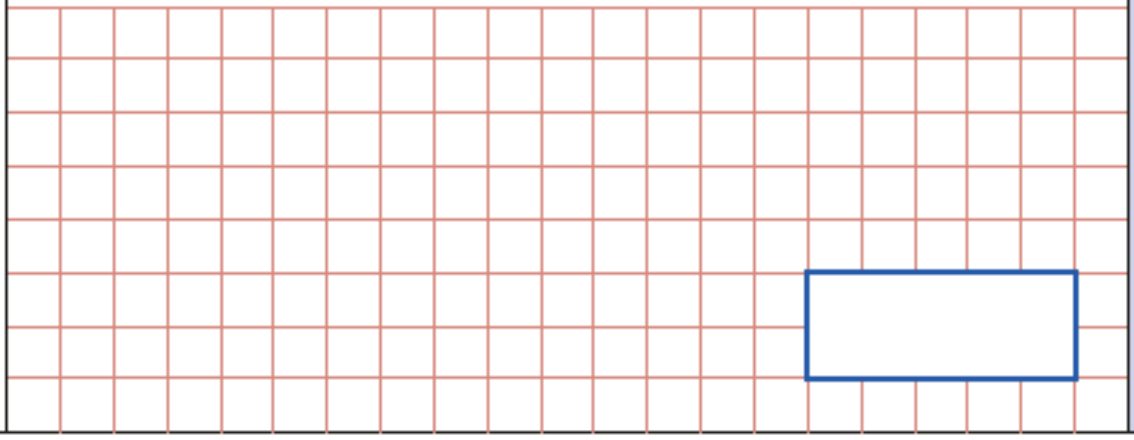
1 mark

4 $75 \times 21 =$



2 marks

5 $42 \div 7 =$



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. 57,694 + 67,896 = **125,590** (W)
2. $\frac{1}{3} + \frac{1}{3} = \frac{\mathbf{2}}{\mathbf{3}}$ (M)
3. 5 x 25 = **125** (M)
4. 75 x 21 = **1,575** (W)
5. 42 ÷ 7 = **6** (M)

Fluent in Five - Year 5
Week 8 - Day 2

Name.....

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

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

1 $347 \times 6 =$

1 mark

2

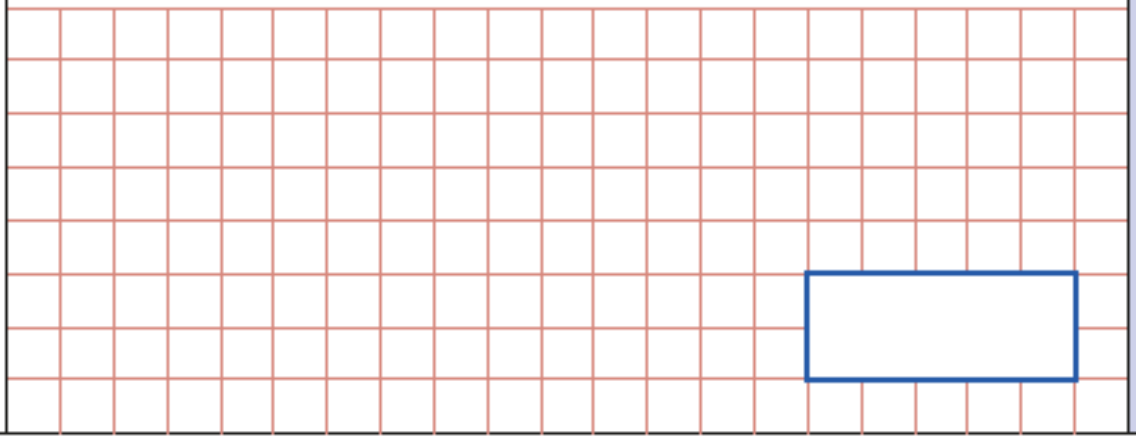
$$\begin{array}{r} 6\ 7 \\ \times\ \ 2\ 3 \\ \hline \end{array}$$

2 marks

3 $\frac{1}{8} + \frac{6}{8} =$

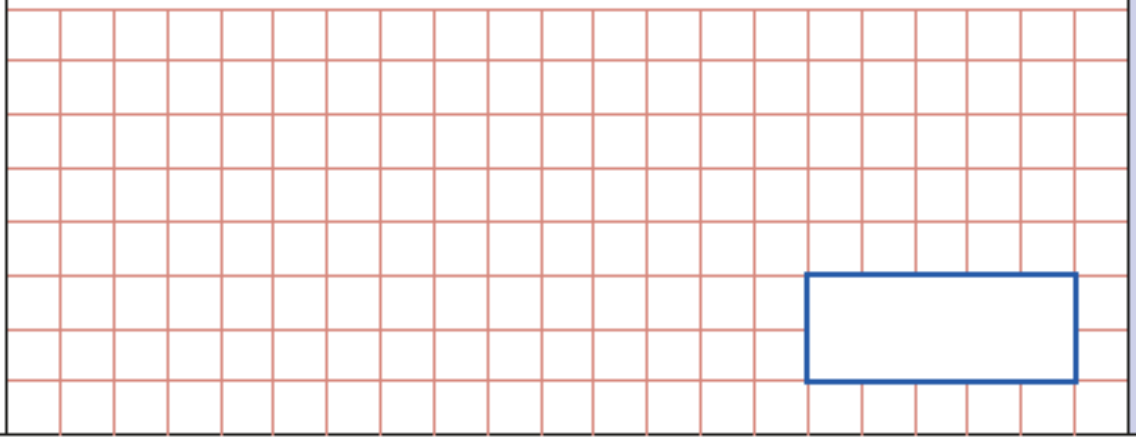
1 mark

4 $11 \times 25 =$



1 mark

5 $\frac{2}{5} \times 3 =$



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. 347 x 6 = **2,082** (W)
2. 67 x 23 = **1,541** (W)
3. $\frac{1}{8} + \frac{6}{8} = \mathbf{\frac{7}{8}}$ (M)
4. 11 x 25 = **275** (M)
5. $\frac{2}{5}$ x 3 = $\mathbf{\frac{6}{5}}$ *or* $\mathbf{1\frac{1}{5}}$ (M)

Fluent in Five – Year 5
Week 8 – Day 3

Name.....

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

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

1 $34 \times 21 =$

2 marks

2 $784 \div 9 =$

1 mark

3 $\frac{1}{15} + \frac{11}{15} =$

1 mark

4 $\frac{1}{3}$ x 2 =

1 mark

5 20 x 25 =

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. 34 x 21 = **714** (W)

2. 784 ÷ 9 = **87** $\frac{\mathbf{1}}{\mathbf{9}}$ *or* **87 r 1** (W)

3. $\frac{1}{15} + \frac{11}{15} = \frac{\mathbf{12}}{\mathbf{15}}$ (M)

4. $\frac{1}{3}$ x 2 = $\frac{\mathbf{2}}{\mathbf{3}}$ (M)

5. 20 x 25 = **500** (M)

Fluent in Five - Year 5
Week 8 - Day 4

Name.....

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

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

1 $879 \times 9 =$

1 mark

2 $\square \div 3 = 20$

1 mark

3 $\frac{3}{5} \times 2 =$

1 mark

4 $60 \times 60 =$

1 mark

5

$$\begin{array}{r} 8\,9\,6\,9\,3\,2 \\ -\quad\;\; 1\,8\,5\,9 \\ \hline \end{array}$$

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. 879 x 9 = **7,911** (W)

2. **60** ÷ 3 = 20 (M)

3. $\frac{3}{5}$ x 2 = $\frac{\mathbf{6}}{\mathbf{5}}$ *or* $\mathbf{1}\frac{\mathbf{1}}{\mathbf{5}}$ (M)

4. 60 x 60 = **3,600** (M)

5. 896,932 – 1,859 = **895,073** (W)

Fluent in Five - Year 5
Week 8 - Day 5

Name.....

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

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

1 65 x 13 =

2 marks

2 $\frac{2}{7}$ x 3 =

1 mark

3 25 x 25 =

1 mark

4 $\frac{1}{5}$ of ☐ = 15

1 mark

5 392 ÷ 6 =

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. 65 x 13 = **845** (W)
2. $\frac{2}{7}$ x 3 = $\frac{\mathbf{6}}{\mathbf{7}}$ (M)
3. 25 x 25 = **625** (M)
4. $\frac{1}{5}$ of **75** = 15 (M)
5. 392 ÷ 6 = **65 r 2** *or* **65** $\frac{\mathbf{2}}{\mathbf{6}}$ *or* **65** $\frac{\mathbf{1}}{\mathbf{3}}$ *or* **65.33** (W)