Fluent in Five

Daily Arithmetic Practice
Week 8

Year 6

THIRD SPACE LEARNING

Year 6 - 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

- The addition of fractions presented as mixed numbers is introduced for the first time.
- Pupils are also introduced to multiplying fractions by whole numbers.

Note: For both of these styles of questions, answers can be given in any equivalent form.

- Pupils are introduced to the squared notation (^{2}) for the first time.
- Mental multiplication and division skills from the previous 7 weeks are recapped throughout the week.
- Written methods continue to focus on long and short multiplication, short division and addition and subtraction of large numbers.

© Third Space Learning 2017. You may photocopy this page.

Fluent in Five - Year 6
Week 8 - Day 1

Name.....
Date.....School.....
Class.....Score.....

1 $57{,}694 + 67{,}896 =$

1 mark

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

1 mark

3 $3.21 \times 3 =$

1 mark

© Third Space Learning 2017. You may photocopy this page.

4 679,329 – 34,672 =

1 mark

5 3^2 =

1 mark

© Third Space Learning 2017. You may photocopy this page.

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

3. 3.21 x 3 = **9.63** (M)

4. 679,329 – 34,672 = **644,657** (W)

5. 3^2 = **9** (M)

Fluent in Five - Year 6
Week 8 - Day 2

Name.....
Date.....School.....
Class.....Score.....

1 $347 \times 6 =$

1 mark

2 $9{,}832 + 124{,}866 =$

1 mark

3 $6\frac{1}{3} + 1\frac{2}{3} =$

1 mark

© Third Space Learning 2017. You may photocopy this page.

4 $3.43 \times 3 =$

1 mark

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

1 mark

© Third Space Learning 2017. You may photocopy this page.

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. 9,832 + 124,866 = **134,698** (W)

3. $6\frac{1}{3} + 1\frac{2}{3} =$ **8** (M)

4. 3.43 x 3 = **10.29** (M)

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

For more free resources and intervention support go to thirdspacelearning.com

Fluent in Five – Year 6
Week 8 – Day 3

Name.....

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

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

1 $34 \times 21 =$

2 marks

2 $784 \div 9 =$

1 mark

3 $3\frac{1}{4} + 1\frac{1}{4} =$

1 mark

© Third Space Learning 2017. You may photocopy this page.

4 $\frac{1}{3}$ of ☐ = 21

1 mark

5 9^2

1 mark

© Third Space Learning 2017. You may photocopy this page.

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. $3\frac{1}{4} + 1\frac{1}{4} = \mathbf{4}\frac{\mathbf{2}}{\mathbf{4}}$ *or* $\mathbf{4}\frac{\mathbf{1}}{\mathbf{2}}$ (M)
4. $\frac{1}{3}$ of **63** = 21 (M)
5. 9^2 = **81** (M)

Fluent in Five - Year 6
Week 8 - Day 4

Name.....
Date.....School.....
Class.....Score.....

1 879 x 9 =

1 mark

2 ☐ ÷ 3 = 1.45

1 mark

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

1 mark

© Third Space Learning 2017. You may photocopy this page.

4 $12^2 =$

1 mark

5 $896{,}932 - 1{,}859 =$

1 mark

© Third Space Learning 2017. You may photocopy this page.

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. **4.35** ÷ 3 = 1.45 (M)

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

4. 12^2 = **144** (M)

5. 896,932 – 1,859 = **895,073** (W)

Fluent in Five - Year 6
Week 8 - Day 5

Name.....

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

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

1 $65 \times 13 =$

2 marks

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

1 mark

3 $\square - 1\frac{1}{3} = 11\frac{1}{3}$

1 mark

© Third Space Learning 2017. You may photocopy this page.

4

$\frac{3}{5}$ of ☐ = 15

1 mark

5

6 | 3 9 2

1 mark

© Third Space Learning 2017. You may photocopy this page.

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. $\mathbf{12}\frac{\mathbf{2}}{\mathbf{3}} - 1\frac{1}{3} = 11\frac{1}{3}$ (M)

4. $\frac{3}{5}$ of **25** = 15 (M)

5. 392 ÷ 6 = **65 r 2** *or* $\mathbf{65}\frac{\mathbf{2}}{\mathbf{6}}$ *or* $\mathbf{65}\ \frac{\mathbf{1}}{\mathbf{3}}$ *or* **65.33** (W)