Fluent in Five

Daily Arithmetic Practice
Week 9

Year 6

THIRD SPACE LEARNING

Year 6 - Week 9

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, the number of questions has increased to 6, with 2 of these being questions which require a written method. Pupil's speed of response should have increased over the previous 8 weeks. With this in mind, answering the increased number of questions within 5 minutes should be achievable for most by the end of this week.

- Mental multiplication, division, addition and subtraction content from the previous 8 weeks is recapped.
- Pupils are introduced to cubed numbers for the first time.
- Pupils are introduced to long division questions (which always carry 2 marks).
- The addition and subtraction of decimals using a formal written method is also introduced.

Fluent in Five - Year 6
Week 9 - Day 1

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

1 $\square \times 100 = 67{,}432 =$

1 mark

2 $345 \div 13 =$

2 marks

3 $\frac{1}{3} \times \frac{1}{3} =$

2 marks

4 $6.53 + 1.34 =$

1 mark

5 $91.32 + 15.84 =$

1 mark

6 $2^3 =$

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. **674.32** x 100 = 67,432 (M)

2. 345 ÷ 13 = **26 r 7** (W)

3. $\frac{1}{3} \times \frac{1}{3} = \mathbf{\frac{1}{9}}$ (M)

4. 6.53 + 1.34 = **7.87** (M)

5. 91.32 + 15.84 = **107.16** (W)

6. 2^3 = **8** (M)

Fluent in Five - Year 6
Week 9 - Day 2

Name.....

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

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

1 $7 \times 9 =$

1 mark

2 $653 \div 100 =$

1 mark

3 $1\,8\overline{)6\,9\,3}$

2 marks

4 $\frac{2}{5} \times \frac{1}{3} =$

1 mark

5 $4^3 =$

1 mark

6 $87.32 + 13.78 =$

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. $7 \times 9 = \mathbf{63}$ (M)

2. $653 \div 100 = \mathbf{6.53}$ (M)

3. $693 \div 18 = \mathbf{38\ r\ 9}$ or $\mathbf{38\ \frac{1}{2}}$ or $\mathbf{38.5}$ (W)

4. $\frac{2}{5} \times \frac{1}{3} = \mathbf{\frac{2}{15}}$ (M)

5. $4^3 = \mathbf{64}$ (M)

6. $87.32 + 13.78 = \mathbf{101.1}$ (W)

Fluent in Five – Year 6
Week 9 – Day 3

Name.....

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

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

1 $65 + 85 =$

1 mark

2 $9{,}932 - 3{,}876 =$

1 mark

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

1 mark

4 $653 \div 21 =$

2 marks

5 $\square + 200 = 860$

1 mark

6 $\frac{4}{7} \times \frac{1}{2} =$

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 + 85 = **150** (M)

2. 9,932 – 3,876 = **6,056** (W)

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

4. 653 ÷ 21 = **31 r 2** (W)

5. **660** + 200 = 860 (M)

6. $\frac{4}{7} \times \frac{1}{2} = \mathbf{\frac{4}{14}}$ (M)

Fluent in Five - Year 6
Week 9 - Day 4

Name.....

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

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

1 718.12 + 34.67 =

1 mark

2 5.6 + 1.4 =

1 mark

3 54 x 21 =

2 marks

4 $983 - 183 =$

1 mark

5 $5^3 =$

1 mark

6 $\frac{3}{4}$ of $80 =$

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. 718.12 + 34.67 = **752.79** (W)

2. 5.6 + 1.4 = **7** (M)

3. 54 x 21 = **1,134** (W)

4. 983 – 183 = **800** (M)

5. 5^3 = **125** (M)

6. $\frac{3}{4}$ of 80 = **60** (M)

Fluent in Five - Year 6
Week 9 - Day 5

Name.....

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

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

1 $\frac{2}{5} \times 100 =$

1 mark

2 $87.321 + 9.943 =$

1 mark

3 $873 \div 21 =$

1 mark

4 $\frac{1}{6} \times \frac{3}{5} =$

1 mark

5 5,652 x 10

1 mark

6 60 x 30 =

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. $\frac{2}{5} \times 100 =$ **40** (M)

2. $87.321 + 9.943 =$ **97.264** (W)

3. $873 \div 21 =$ **41 r 12** (W)

4. $\frac{1}{6} \times \frac{3}{5} = \frac{\mathbf{3}}{\mathbf{30}}$ (M)

5. $5{,}652 \times 10 =$ **56,520** (M)

6. $60 \times 30 =$ **1,800** (M)