

Fluent in Five

Daily Arithmetic Practice
Week 4

Year 6

Year 6 - Week 4

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, children should be becoming increasingly familiar with the Fluent in Five challenge, and should be able to complete the full 5 questions in 5 minutes. Ensure children are using the first 30 seconds of time to identify the mental questions, before tackling these first.

This Week:

- Mental addition focuses on the addition of decimals, where a place value boundary is not crossed, including where there are an unequal numbers of decimal places.
- Mental multiplication focuses on multiplying decimals by 10 or 100.
- Written addition and subtraction involves decimals where there are an equal number of decimal places.
- Written short division and multiplication involves the 7 times table.
- There is no new fraction content this week.

Name.....

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

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

1

$$23.2 + 42.4 =$$

1 mark

2

$$93,214 - \boxed{} = 7,859$$

1 mark

$$62.34 \times 100 =$$


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1 mark

$$76.43 + 24.78 =$$


1

1 mark

$$400 + 1,200 =$$


11

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. $23.2 + 42.4 = \mathbf{65.6}$ (M)
2. $93,214 - \mathbf{85,355} = 7,859$ (W)
3. $62.34 \times 100 = \mathbf{6,234}$ (M)
4. $76.43 + 24.78 = \mathbf{101.21}$ (W)
5. $400 + 1,200 = \mathbf{1,600}$ (M)

Name.....

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

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

1	$87.1 + 11.2 =$	<div></div> <div>1 mark</div>

2	$\frac{3}{4}$ of 132 =	<div></div> <div>1 mark</div>

Fluent in Five - Year 6
Week 4 - Day 2

3

$$3,380 \div 6 =$$

☐

1 mark

4

$$69 - 31 =$$

☐

1 mark

5

$$87.32 - 37.41 =$$

☐

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. $87.1 + 11.2 = \mathbf{98.3}$ (M)

2. $\frac{3}{4}$ of 132 = **99** (M)

3. $3,380 \div 6 = \mathbf{563 \text{ r } 2}$ or **563** $\frac{2}{6}$ or **563.33** (W)

4. $69 - 31 = \mathbf{38}$ (M)

5. $87.32 - 37.41 = \mathbf{49.91}$ (W)

Name.....

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

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

1

$$32 + 47 =$$

1 mark

2

$$45.32 + 2.23 =$$

1 mark

$$56.47 - 23.85 =$$

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1 mark

$$8.73 \times 10 =$$


1

1 mark

$$4,568 \div 7 =$$


1

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. $32 + 47 = \mathbf{79}$ (M)

2. $45.32 + 2.23 = \mathbf{47.55}$ (M)

3. $56.47 - 23.85 = \mathbf{32.62}$ (W)

4. $8.73 \times 10 = \mathbf{87.3}$ (M)

5. $4,568 \div 7 = \mathbf{652 \text{ r } 4}$ or $\mathbf{652 \frac{4}{7}}$ (W)

Name.....

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

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

1	$87 + 21 =$																				<div><input type="checkbox"/></div> <div>1 mark</div>
	<div><input type="text"/></div>																				

2	$46 \times 29 =$																				<div><input type="checkbox"/></div> <div>2 marks</div>
	<div><input type="text"/></div>																				

Fluent in Five - Year 6
Week 4 - Day 4

3

$$893 + 30 =$$

☐

1 mark

4

$$93.1 \times 100 =$$

☐

1 mark

5

$$2,074 \div 7 =$$

☐

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. $87 + 21 = \mathbf{108}$ (M)

2. $46 \times 29 = \mathbf{1,334}$ (W)

3. $893 + 30 = \mathbf{923}$ (M)

4. $93.1 \times 100 = \mathbf{9,310}$ (M)

5. $2,074 \div 7 = \mathbf{296 \text{ r } 2}$ or $\mathbf{296 \frac{2}{7}}$ (W)

Name.....

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

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

1	$\frac{5}{6}$ of 36 =	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> 1 mark
<div style="border: 1px solid #d32f2f; width: 100%; height: 100%;"></div>		

2	$69.56 + 13.68 =$	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> 1 mark
<div style="border: 1px solid #d32f2f; width: 100%; height: 100%;"></div>		

Fluent in Five - Year 6
Week 4 - Day 5

3

$$56.43 + 11.3 =$$



1 mark

4

$$3.321 \times 100 =$$



1 mark

5

$$857 + 14,894 =$$



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. $\frac{5}{6}$ of 36 = **30** (M)
2. $69.56 + 13.68 = \mathbf{83.24}$ (W)
3. $56.43 + 11.3 = \mathbf{67.73}$ (M)
4. $3.321 \times 100 = \mathbf{332.1}$ (M)
5. $857 + 14,894 = \mathbf{15,751}$ (W)