Fluent in Five

Daily Arithmetic Practice
Week 3

Year 6
Year 6 - 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
their speed should be increasing.

This week:

• Mental division focuses on dividing whole numbers and decimals by 10 and 100.
• Mental addition and subtraction involves adding and subtracting near multiples of 10
  (eg. 80 – 28 = by mentally calculating 80 – 30 followed by + 2)
• Written addition and subtraction involves 5-digit numbers add or subtract 5-digit
  numbers.
• Written short multiplication and division focuses on the 6 and 8 times tables.
• Written long multiplication continues to be tested. Check that children can
  immediately identify these as written methods by noticing that these questions carry
  2 marks.
• Fraction questions continue to include finding non-unit fractions of numbers, but are
  beginning to include increasingly more complex mental calculations.
Fluent in Five - Year 6
Week 3 - Day 1

Name

Date

School

Class

Score

1

8,874 \times \boxed{} = 8,874

2

1,518 \div 6 =
Fluent in Five - Year 6
Week 3 - Day 1

3  \[ 87.3 \div 10 = \]

4  \[ 41 + 30 = \]

5  \[ 83,328 - 76,397 = \]
Fluent in Five - Year 6
Week 3 - Day 1

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. 8,874 $\times 1 = 8,874$ (M)

2. $1,518 \div 6 = 253$ (W)

3. $87.3 \div 10 = 8.73$ (M)

4. $41 + 30 = 71$ (M)

5. $83,328 - 76,397 = 6,931$ (W)
Fluent in Five - Year 6
Week 3 - Day 2

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

1 \[ \frac{2}{5} \text{ of } 90 = \]

2 \[ 48.3 \div 100 = \]
<table>
<thead>
<tr>
<th>3</th>
<th>$67 \times 32 =$</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>$80 - 28 =$</td>
</tr>
<tr>
<td>5</td>
<td>$12,384 + 15,843 =$</td>
</tr>
</tbody>
</table>
Fluent in Five - Year 6
Week 3 - Day 2

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. \( \frac{2}{5} \) of 90 = 36 (M)

2. 48.3 ÷ 100 = 0.483 (M)

3. 67 x 32 = 2,144 (W)

4. 80 – 28 = 52 (M)

5. 12,384 + 15,843 = 28,227 (W)
Fluent in Five - Year 6
Week 3 - Day 3

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

1  
\[ 7 \times \underline{ } = 42 \]

2  
\[ 70 - 29 = \]
Fluent in Five - Year 6
Week 3 - Day 3

3. \( 37 \times 37 = \)

4. \( 8 + 3 + 8 = \)

5. \( 32,764 - 21,863 = \)
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. \(7 \times 6 = 42\) (M)

2. \(70 - 29 = 41\) (M)

3. \(37 \times 37 = 1,369\) (W)

4. \(8 + 3 + 8 = 19\) (M)

5. \(32,764 - 21,863 = 10,901\) (W)
Fluent in Five - Year 6
Week 3 - Day 4

1. 996 + 7 =

2. 32,764 – 21,863 =

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<tbody>
<tr>
<td>3</td>
<td>9.38 ÷ 100 =</td>
</tr>
<tr>
<td>4</td>
<td>91 + 30 =</td>
</tr>
<tr>
<td>5</td>
<td>674 × 6 =</td>
</tr>
</tbody>
</table>
1. 996 + 7 = 1,003 (M)
2. 32,764 – 21,863 = 10,901 (W)
3. 9.38 ÷ 100 = 0.0938 (M)
4. 91 + 30 = 121 (M)
5. 674 x 6 = 4,044 (W)
Fluent in Five - Year 6
Week 3 - Day 5

Name........................................................................................................

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

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

1 \( \frac{2}{9} \) of 162 =

2 866 \( \times \) 6 =
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<thead>
<tr>
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<tbody>
<tr>
<td><strong>3</strong></td>
<td>130 − 39 =</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>87.4 ÷ 10 =</td>
</tr>
<tr>
<td><strong>5</strong></td>
<td>63410</td>
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</tbody>
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Fluent in Five - Year 6
Week 3 - Day 5

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. \(\frac{2}{9}\) of 162 = 36 (M)

2. 866 x 6 = 5,196 (W)

3. 130 – 39 = 91 (M)

4. 87.4 ÷ 10 = 8.74 (M)

5. 3,410 ÷ 6 = 568 r 2 or 568 \(\frac{2}{6}\) or 568.33