Fluent in Five

Daily Arithmetic Practice Week 22

 Year 6



# Year 6 - Week 22

**Please note, we recommend reading ‘Your Guide to Using Fluent in Five’ before using these resources with your class.**

This week in a nutshell

### As children begin to near the end of Key Stage 2 statutory assessments, there are no longer specific focus questions for mental or written methods within this resource. Instead, questions will be taken from the full range of objectives, as shown in the progression document.

Fluent in Five - Year 6 Week 22 - Day 1

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| 1 | 5,596 ÷ 4 = | 1 mark |
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| 2 | 56 – 24 ÷ (2 x 3) = | 1 mark |
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| 3 | 57 + 48 = | 1 mark |
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### Fluent in Five - Year 6 Week 22 - Day 1

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| 5 | 2 = 81 | 1 mark |
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| 6 |  3 of 100 = 5 | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 1

 **Challenge yourself!**

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| 7 | 1 1 x 3 =4 | 1 mark |
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| 8 | – 445,923 = 375,051 | 1 mark |
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Fluent in Five - Year 6 Week 22 - 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. 5,596 ÷ 4 = **1,399** (W)

2. 56 – 24 ÷ (2 x 3) = **52** (M)

3. 57 + 48 = **105** (M)

4. 84 x 26 = **2,184** (W)

5. **9**2 = 81 (M)

## 6. 3

5

of 100 = **60** (M)

## 7. 1 1

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x 3 = 3 **3**

(M)

8. **820,974** – 445,923 = 375,051 (W)

**4**

### Fluent in Five - Year 6 Week 22 - Day 2

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

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

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| 1 | = 781,640 + 286,298 | 1 mark |
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| 2 | 2 2 + 1 =5 2 | 1 mark |
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| 3 | 5,893 x 42 = | 2 marks |
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### Fluent in Five - Year 6 Week 22 - Day 2

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| 4 | 52 – 36 = | 1 mark |
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| 5 |  3 x 3 = 5 4 | 1 mark |
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| 6 | 825 – 198 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 2

 **Challenge yourself!**

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| 8 | 3,819 ÷ 6 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - 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. **1,067,938** = 781,640 + 286,298 (W)

## 2. 2 2 1 = **2 9** (M)

5

+

**10**

2

3. 5,893 x 42 = **247,506** (W)

## 4. 52 – 36 = **16** (M)

5. 3

5

x

 3 = **9** (M )

## 6. 825 – 198 = **627** (M)

**20**

4

7. 26.835 + 14.667 = **41.502** (W)

8. 3,819 ÷ 6 = **636 r3** *or* **636 3**

**6**

*or* **636.5** (W)

### Fluent in Five - Year 6 Week 22 - Day 3

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

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| 1 |  2 ÷ 3 = 6 | 1 mark |
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| 2 | 320 x 68 = | 2 marks |
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| 3 | 8,700 – 1,600 = | 1 mark |
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### Fluent in Five - Year 6 Week 22 - Day 3

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| 4 | 39 + 17 = | 1 mark |
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| 5 | 98 ÷ = 0.098 | 1 mark |
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| 6 | 35% of 60 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 3

 **Challenge yourself!**

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| 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 mark |
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|  |  | 4 | 4 | 6 | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 8 | 900,628 – = 552,364 | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 3

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. 2

6

÷ 3 = **2**

*or* **1**

(M)

2. 320 x 68 = **21,760** (W)

**18**

**9**

3. 8,700 – 1,600 = **7,100** (M)

## 4. 39 + 17 = **56** (M)

5. 98 ÷ **1,000** = 0.098 (M)

## 6. 35% of 60 = **21** (M)

7. 4,622 ÷ 4 = **1,155 r2** *or* **1,155 2**

**4**

8. 900,628 – **348,264** = 552,364 (W)

*or* **1,155.5** (W)

### Fluent in Five - Year 6 Week 22 - Day 4

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

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

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

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| 1 | 2 1 x 4 =3 | 1 mark |
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| 2 | 1.25 – 0.89 = | 1 mark |
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| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 marks |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 1 | 2 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | x |  |  | 1 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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### Fluent in Five - Year 6 Week 22 - Day 4

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| 4 | 6 x 5 x 3 = | 1 mark |
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| 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 mark |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 3 | 4 | 2 | 1 | 1 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | + |  | 6 | 7 | 9 | 8 | 2 | 1 |  |  |  |  |  |  |  |  |  |  |  |
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| 6 | 759 – 399 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 4

 **Challenge yourself!**

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| 7 | 43 = | 1 mark |
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| 8 | 4.55 + 0.37 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 4

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. 2 1

3

x 4 = **9 1**

(M)

## 2. 1.25 – 0.89 = **0.36** (M)

**3**

3. 127 x 14 = **1,778** (W)

## 4. 6 x 5 x 3 = **90** (M)

5. 342,117 + 679,821 = **1,021,938** (W)

## 6. 759 – 399 = **360** (M)

7. 43 = **64** (M)

## 8. 4.55 + 0.37 = **4.92** (M)

### Fluent in Five - Year 6 Week 22 - Day 5

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

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

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

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| 1 | 1,452 x 21 = | 2 marks |
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| 2 | 5,493 ÷ 5 = | 1 mark |
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| 3 | 8 + 8 + 6 = | 1 mark |
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### Fluent in Five - Year 6 Week 22 - Day 5

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| 4 |  1 of 152 = 4 | 1 mark |
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| 5 | 89 + 32 = | 1 mark |
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| 6 | 625,440 – 589,291 = | 1 mark |
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Fluent in Five - Year 6 Week 22 - Day 5

 **Challenge yourself!**

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| 7 |  8 – 1 = 9 2 | 1 mark |
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| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 marks |
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|  |  |  |  | 2 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | x |  | 3 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Fluent in Five - Year 6 Week 22 - 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. 1,452 x 21 = **30,492** (W)

2. 5,493 ÷ 5 = **1,098 r3** *or* **1,098 3**

**5**

*or* **1,098.6** (W)

## 3. 8 + 8 + 6 = **22** (M)

4. 1

4

of 152 = **38** (M)

## 5. 89 + 32 = **121** (M)

6. 625,440 – 589,291 = **36,149** (W)

## 7. 8 1 = **7** (M)

9

–

**18**

2

8. 26 x 35 = **910** (W)