Fluent in Five

Daily Arithmetic Practice
Week 20

Year 6

THIRD SPACE LEARNING

Year 6 - Week 20

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

This week in a nutshell

- Mental multiplication this week focuses on multiplying and dividing by 10, 100 and 1,000. Mental addition and subtraction questions this week continue to focus on adding and subtracting decimal numbers.
- Written methods for all operations are taken from across the full range of objectives.
- Fraction questions focus on children multiplying pairs of fractions together and dividing whole numbers by a fraction.

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Fluent in Five - Year 6
Week 20 - Day 1

Name.....

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

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

1

$$\begin{array}{r} 522 \\ \times \quad 47 \\ \hline \end{array}$$

2 marks

2

$6.82 + 1.7 =$

1 mark

3

$79 \times \square = 79$

1 mark

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4 $3 \div \frac{1}{5} =$

1 mark

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

1 mark

6 $3\overline{)1956}$

1 mark

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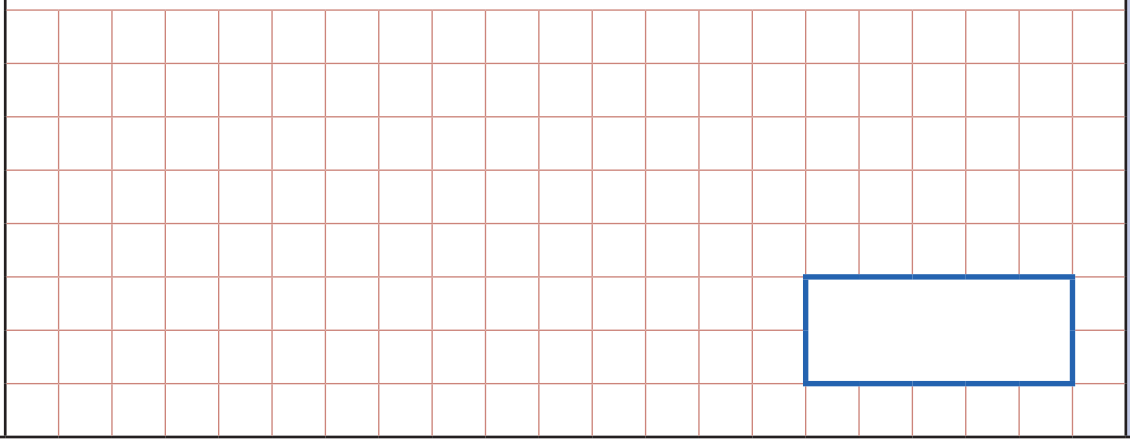
Challenge yourself!

7	67 x 100 = 	1 mark

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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. 522 x 47 = **24,534** (W)

2. 6.82 + 1.7 = **8.52** (M)

3. 79 x **1** = 79 (M)

4. $3 \div \frac{1}{5} =$ **15** (M)

5. $\frac{3}{4} \times \frac{5}{6} = \mathbf{\frac{15}{24}}$ *or* $\mathbf{\frac{5}{8}}$ (M)

6. 1,956 ÷ 3 = **652** (W)

7. 67 x 100 = **6700** (M)

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Fluent in Five - Year 6
Week 20 - Day 2

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

1 835 ÷ 1000 =

1 mark

2 20.59 – 4.37 =

1 mark

3 1,656 ÷ 9 =

1 mark

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4 $6 \div \frac{1}{3} =$

1 mark

5 $37 \times 26 =$

2 marks

6 $\square = 6 + 7 + 4$

1 mark

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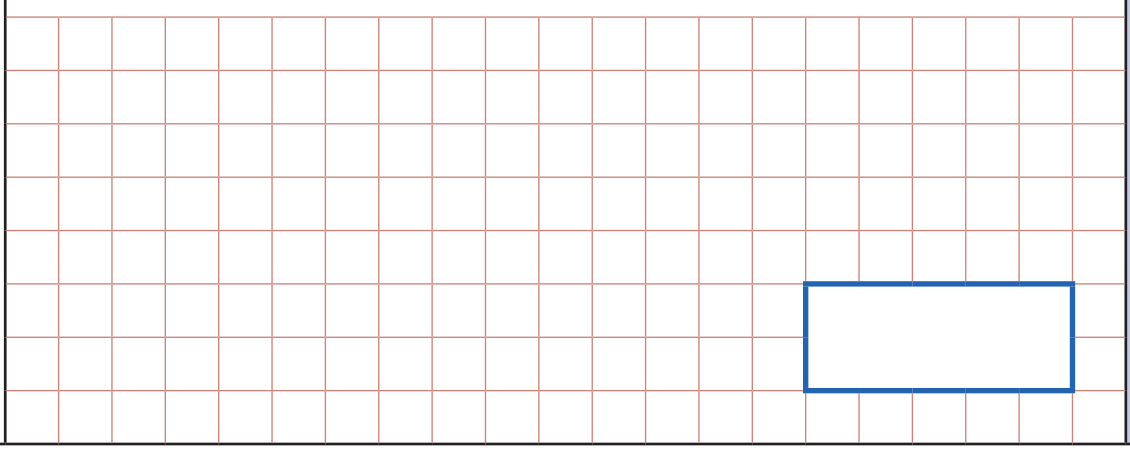
7 $\frac{4}{9} \times \frac{2}{3} =$



1 mark

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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. 835 ÷ 1000 = **0.835** (M)

2. 20.59 – 4.37 = **16.22** (M)

3. 1,656 ÷ 9 = **184** (W)

4. $6 \div \frac{1}{3} =$ **18** (M)

5. 37 x 26 = **962** (W)

6. **17** = 6 + 7 + 4 (M)

7. $\frac{4}{9} \times \frac{2}{3} = \frac{\mathbf{8}}{\mathbf{27}}$ (M)

Fluent in Five - Year 6
Week 20 - Day 3

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

1 $6 + 4 \times 5 - 2 =$

1 mark

2 $0.462 + 0.641 =$

1 mark

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

1 mark

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4

$4\overline{)2101}$

1 mark

5

$\square \div 100 = 2.63$

1 mark

6

$72 \times 98 =$

2 marks

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7 $4 \div \frac{1}{2} =$

1 mark

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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. $6 + 4 \times 5 - 2 =$ **24** (M)

2. $0.462 + 0.641 =$ **1.103** (M)

3. $\frac{2}{6} \times \frac{1}{2} = \mathbf{\frac{2}{12}}$ *or* $\mathbf{\frac{1}{6}}$ (M)

4. $2101 \div 4 =$ **525 r1** *or* $\mathbf{525\ \frac{1}{4}}$ *or* **525.25** (W)

5. **263** $\div 100 = 2.63$ (M)

6. $72 \times 98 =$ **7,056** (W)

7. $4 \div \frac{1}{2} =$ **8** (M)

Fluent in Five - Year 6
Week 20 - Day 4

Name.....

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

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

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

1 mark

2 $10 \div \frac{1}{4} =$

1 mark

3 $8{,}523 \div 5 =$

1 mark

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4 72 x 1000 =

1 mark

5 609 x 43 =

2 marks

6

$$\begin{array}{r} 534850 \\ +\ 466099 \\ \hline \end{array}$$

1 mark

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7 $\square - 3.69 = 2.3$

1 mark

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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. $\frac{1}{2} \times \frac{1}{3} = \mathbf{\frac{1}{6}}$ (M)
2. $10 \div \frac{1}{4} =$ **40** (M)
3. 8,523 ÷ 5 = **1,704 r3** *or* **1,704** $\mathbf{\frac{3}{5}}$ *or* **1,704.6** (W)
4. 72 x 1000 = **72,000** (M)
5. 609 x 43 = **26,187** (W)
6. 534,850 + 466,099 = **1,000,949** (W)
7. **5.99** – 3.69 = 2.3 (M)

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Fluent in Five - Year 6
Week 20 - Day 5

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

1 700,300 – 148,452 =

1 mark

2 $6\overline{)1398}$

1 mark

3 1.42 + 0.99 =

1 mark

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4 $727 \times 75 =$

2 marks

5 $7 \div \frac{1}{2} =$

1 mark

6 $\frac{2}{5} \times \frac{1}{3} =$

1 mark

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7 ☐ x 100 = 3100

☐
1 mark

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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. 700,300 – 148,452 = **551,848** (W)

2. 1,398 ÷ 6 = **233** (W)

3. 1.42 + 0.99 = **2.41** (M)

4. 727 x 75 = **54,525** (W)

5. $7 \div \frac{1}{2} =$ **14** (M)

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

7. **31** x 100 = 3100 (M)