Fluent in Five

Year 6

THIRD SPACE LEARNING

Year 6 - Week 14

> **Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.**
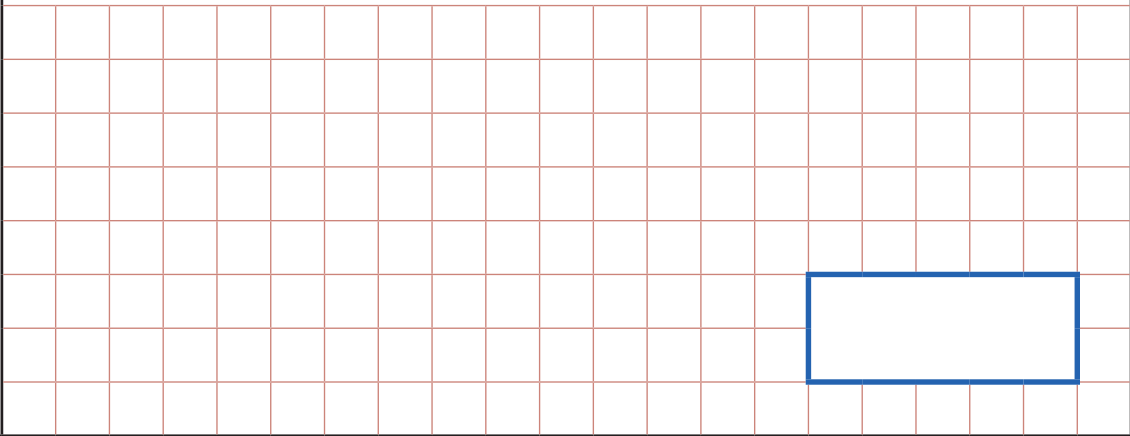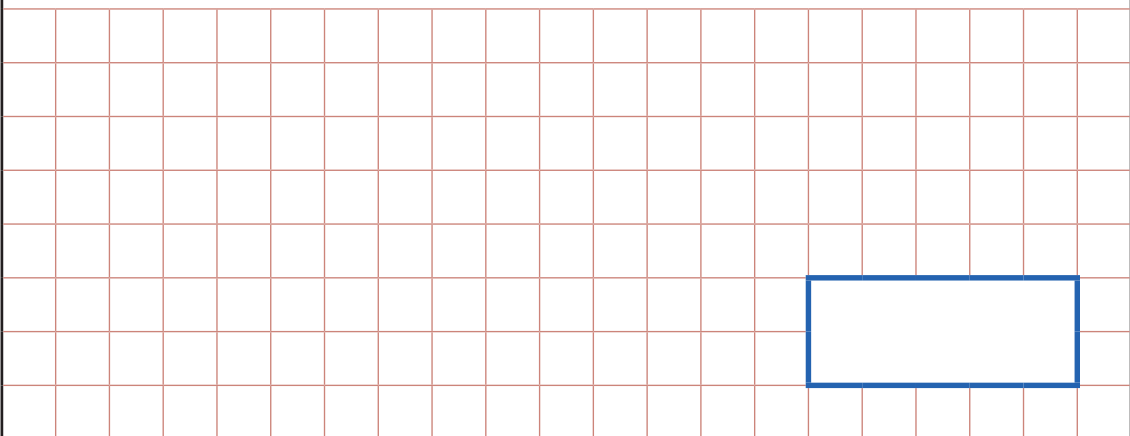
This week in a nutshell:

- Mental multiplication this week focuses on multiplying decimals with up to 2 decimal places by a single-digit number.

- Mental division focuses on dividing single-digit numbers by decimals with up to one decimal place.

- Mental addition and subtraction questions this week focus on adding two 2-digit numbers mentally.

- Written methods for multiplication and division focus on long multiplication and division, which are always worth two marks.

- Written methods for addition and subtraction focus on the addition and subtraction of decimal numbers, where each decimal number has an equal number of digits.

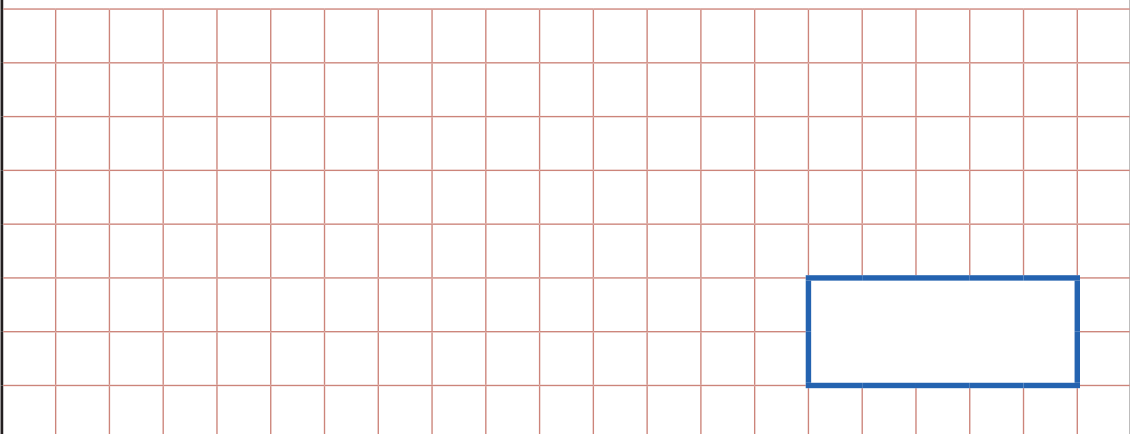- Proportionality questions focus on pupils finding percentages of numbers.

Name...

Date...School...

Class...Score...

1

$70 + \boxed{} = 160$

1 mark

2

$2,036 \div 8 =$

1 mark

3

$10 + 50 \times 4 =$

1 mark

4 | 67,577 + 31,098 =

1 mark

5 | 80% of £3,000 =

1 mark
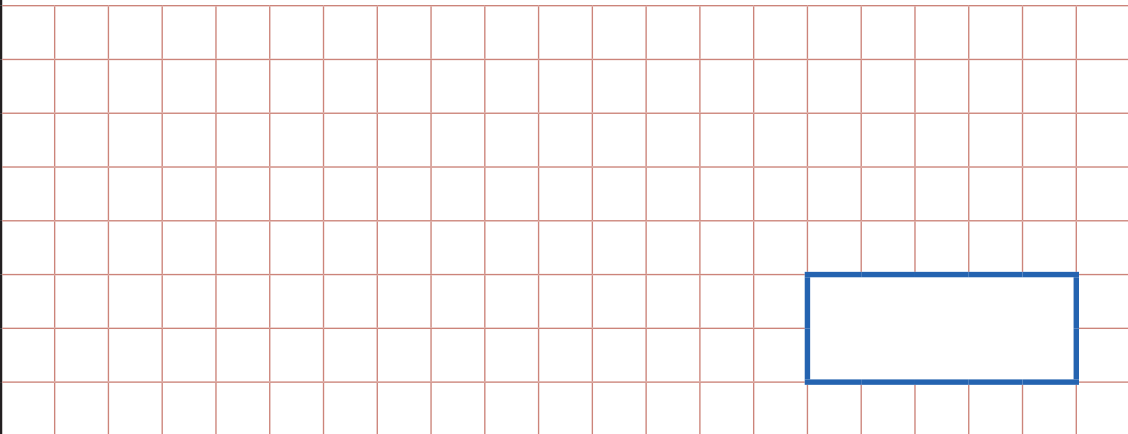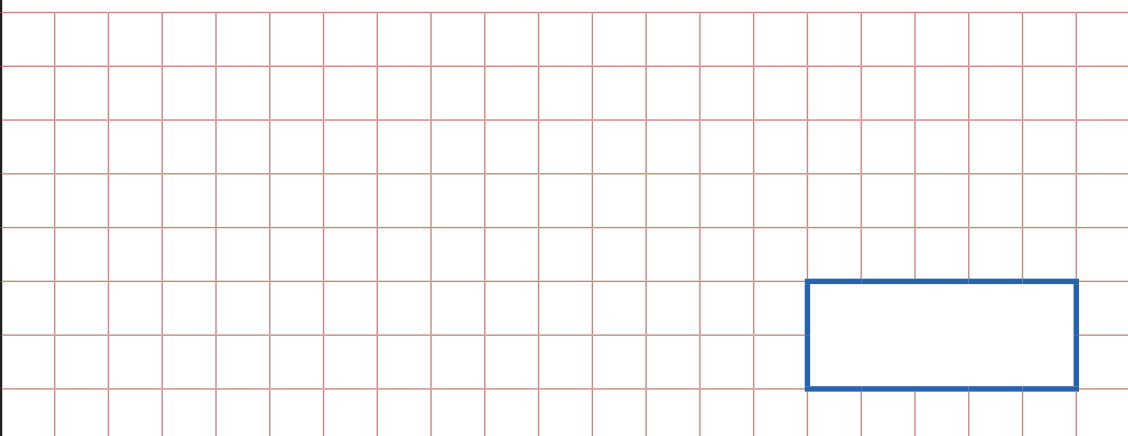
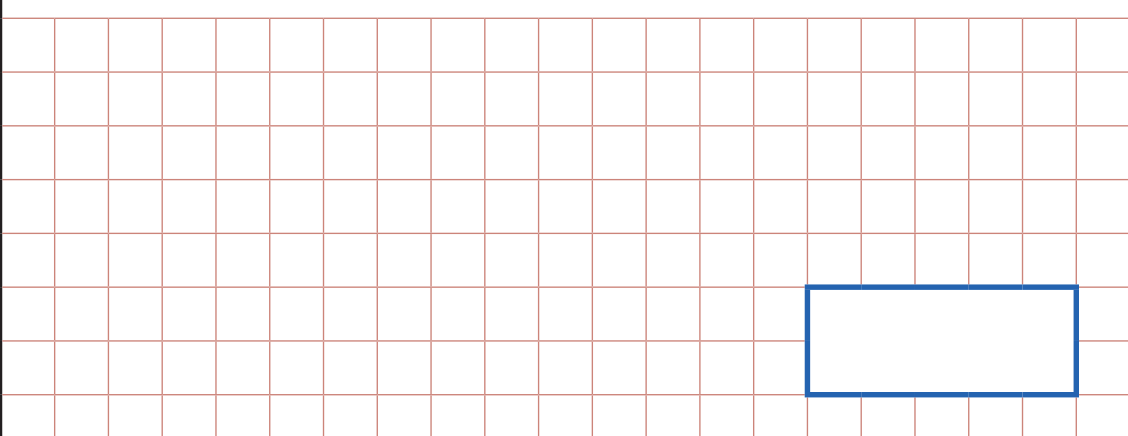6 | 400 x 400 =

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.
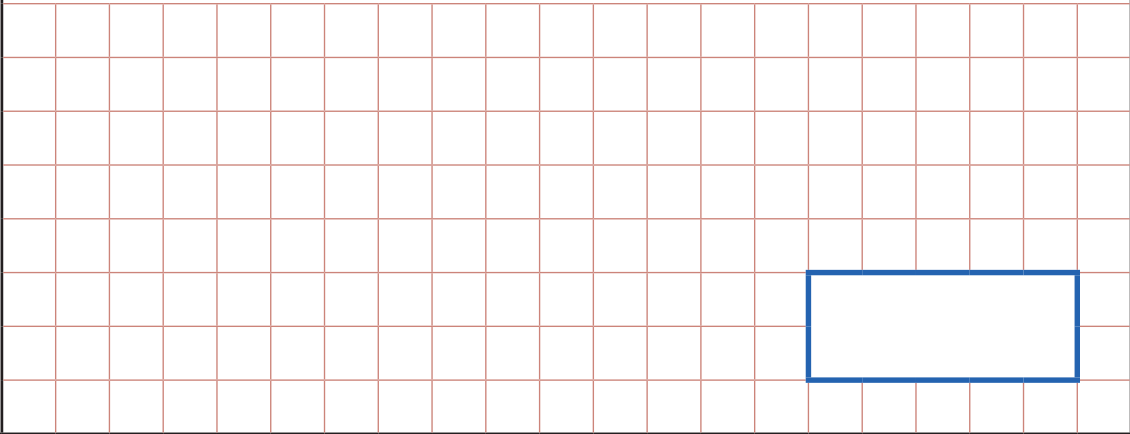
1. 70 + **90** = 160 (M)

2. 2,036 ÷ 8 = **254 r 4** *or* **254 $\frac{4}{8}$** *or* **254 $\frac{1}{2}$** *or* **254.5** (W)

3. 10 + 50 x 4 = **210** (M)

4. 67,577 + 31,098 = **98,675** (W)

5. 80% of £3000 = **£2,400** (M)

6. 400 x 400 = **160,000** (M)
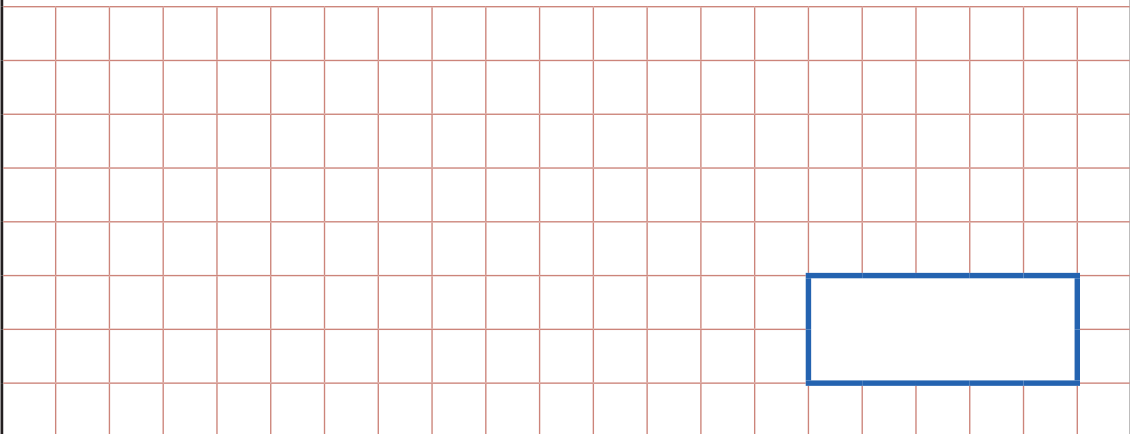
1

$73.24 - 19.97 =$

1 mark

2

$350 \div 70 =$

1 mark

3

10% of $180° =$

1 mark

4	468 x 16 =	
		1 mark

5	3 x 9 x 5 =	
		1 mark

6	59 + 39 =	
		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. 73.24 − 19.97 = **53.27** (W)

2. 350 ÷ 70 = **5** (M)

3. 10% of 180° = **18°** (M)

4. 468 x 16 = **7,488** (W)

5. 3 x 9 x 5 = **135** (M)
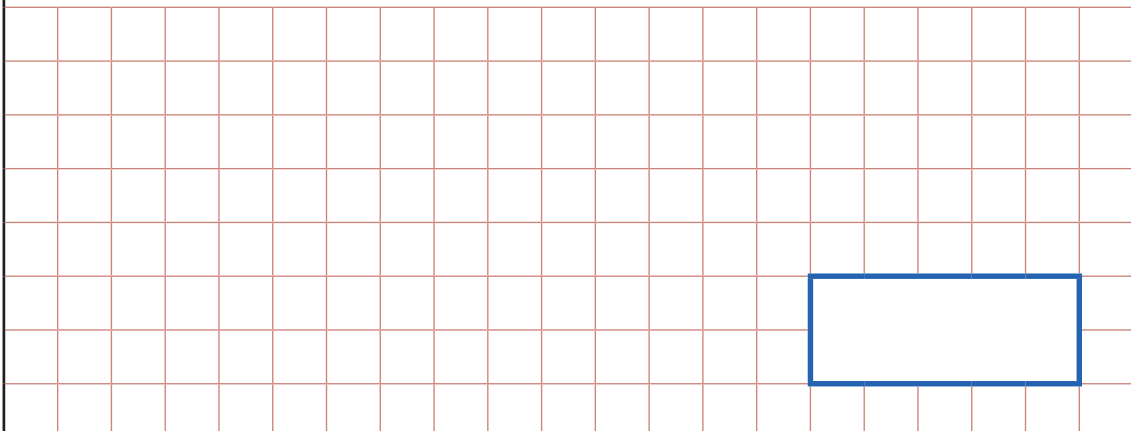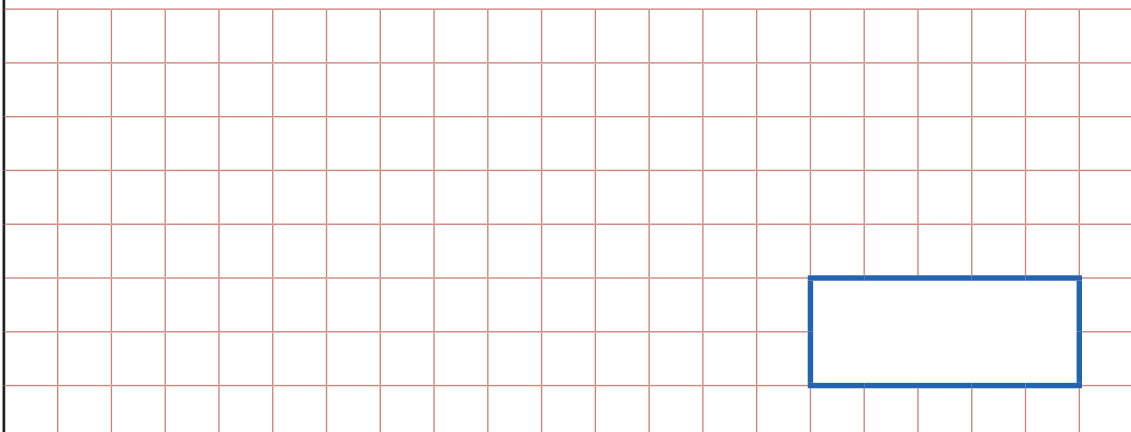
6. 59 + 39 = **98** (M)

1 $3^3 =$

1 mark

2 $193{,}498 + 137{,}765 =$

1 mark

3 $4.25 + 1.33 =$

1 mark

4

$$
\begin{array}{r}
5\ 8\ 8 \\
\times \qquad 6 \\
\hline
\end{array}
$$

1 mark

5   70 x 8 =

1 mark

6   460 – 125 + 301 =

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. 3^3 = **27** (M)

2. 193,498 + 137,765 = **331,263** (W)

3. 4.25 + 1.33 = **5.58** (M)

4. 588 x 6 = **3,528** (W)

5. 70 x 8 = **560** (M)

6. 460 – 125 + 301 = **636** (M)

Name..

Date...School...

Class..Score...

1   4,708 x 35 =

2 marks

2   6 x (10 – 5) =

1 mark

3   70,487 – 13,109 =

1 mark

4

$45 \div \boxed{} = 9$

1 mark

5

$472 + 30 =$

1 mark

6

$94 - 13 + 20 =$

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. 4,708 x 35 = **164,780** (W)

2. 6 x (10 – 5) = **30** (M)

3. 70,487 – 13,109 = **57,378** (W)

4. 45 ÷ **5** = 9 (M)

5. 472 + 30 = **502** (M)

6. 94 – 13 + 20 = **101** (M)

1
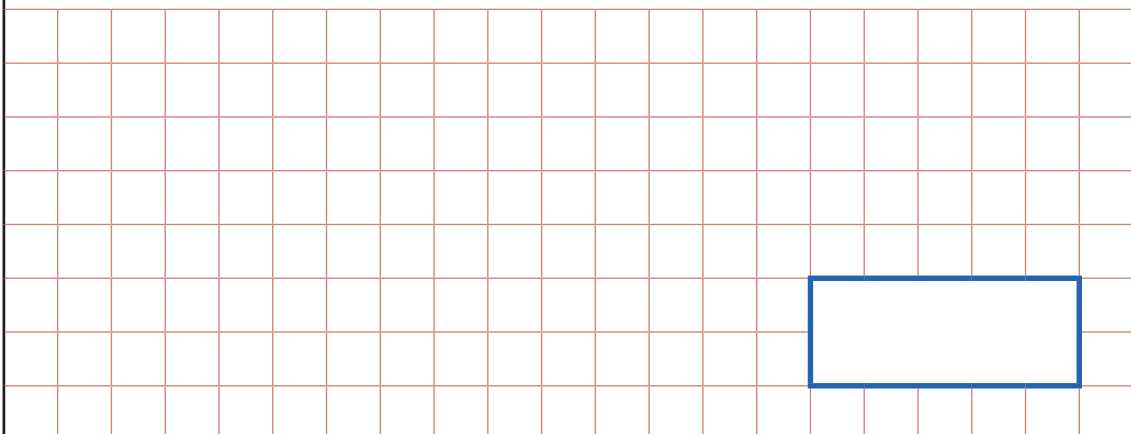
$\boxed{}$ x 33 = 396

1 mark

2

80 + 90 =

1 mark

3

450 x 30 =

1 mark

4	16.07 – 4.79 =	
		1 mark

5	810 ÷ 90 =	
		1 mark

6	30 x 8 =	
		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. **12** x 33 = 396 (W)

2. 80 + 90 = **170** (M)

3. 450 x 30 = **13,500** (M)

4. 16.07 − 4.79 = **11.28** (W)

5. 810 ÷ 90 = **9** (M)

6. 30 x 8 = **240** (M)