

Fluent in Five

Daily Arithmetic Practice
Week 18

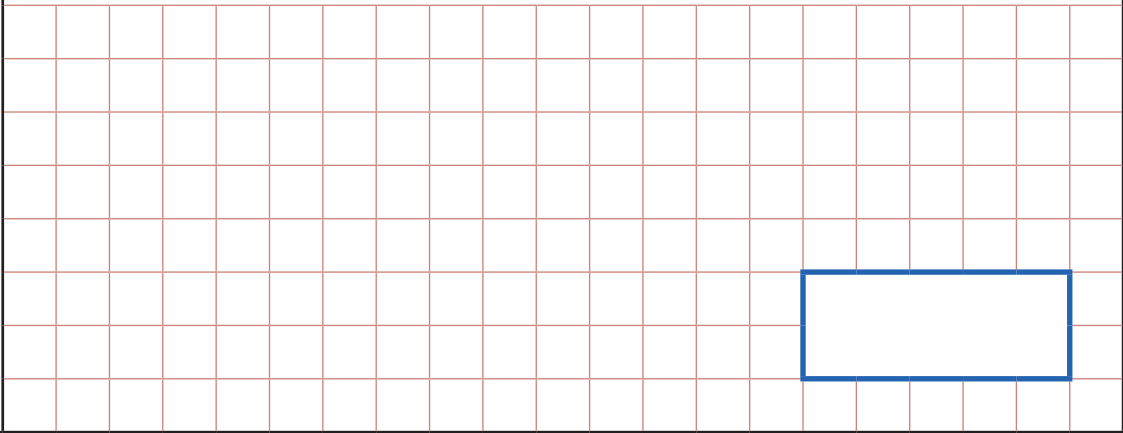
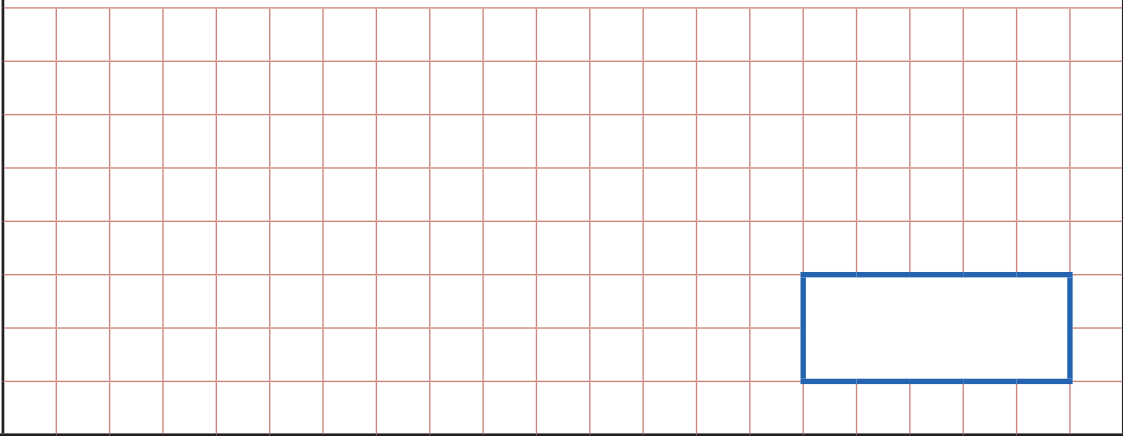
Year 6

Year 6 - Week 18

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 using the 1-12x table to solve multiplication and division questions.
- Mental addition and subtraction questions this week continue to focus on adding and subtracting multiples of 10, 100 and 1,000.
- Written methods for multiplication focuses on the multiplication of decimals by a single-digit number. Written methods for addition and subtraction are taken from the full range of possible questions.
- Fraction questions focus on children multiplying pairs of fractions together, and dividing fractions by a single digit number.

1	$258,630 + 179,885 =$  	 1 mark
2	$\frac{2}{5} \times \frac{1}{2} =$  	 1 mark
3	$320 + 90 =$  	 1 mark

$$5 + 7 + 3 =$$

10

$$1.25 \times 6 =$$

1

6	2	2	6	8
---	---	---	---	---

10

1 mark

Challenge yourself!

7

$$120 \div \boxed{} = 10$$

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. $258,630 + 179,885 = \mathbf{438,515}$ (W)

2. $\frac{2}{5} \times \frac{1}{2} = \frac{\mathbf{2}}{\mathbf{10}}$ (M)

3. $320 + 90 = \mathbf{410}$ (M)

4. $5 + 7 + 3 = \mathbf{15}$ (M)

5. $1.25 \times 6 = \mathbf{7.5}$ (W)

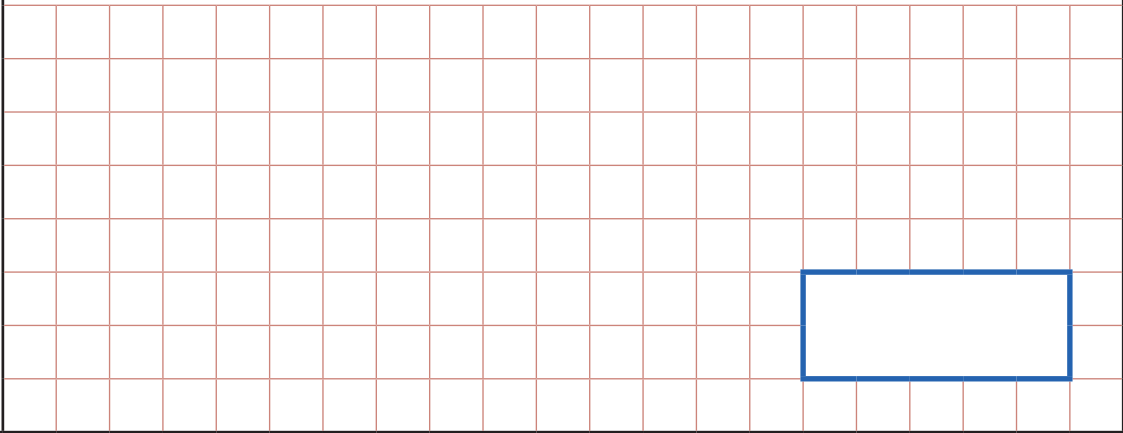
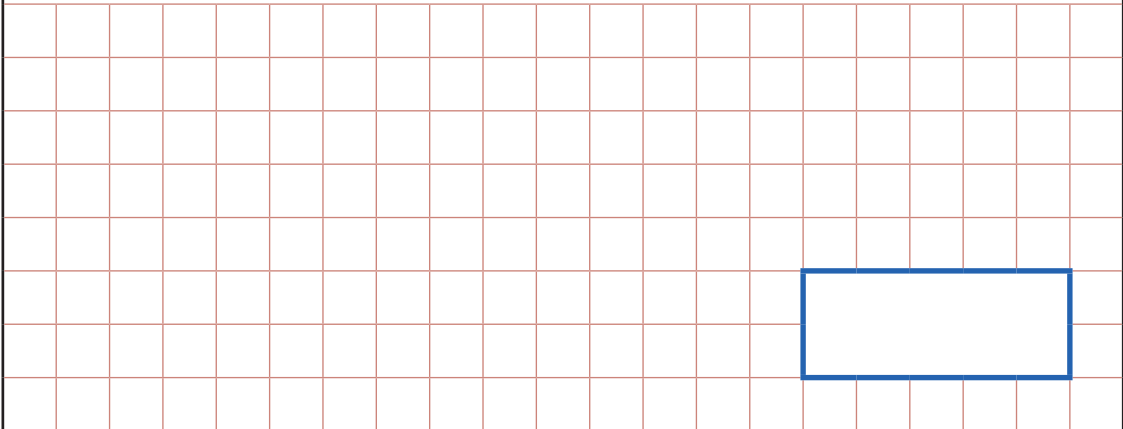
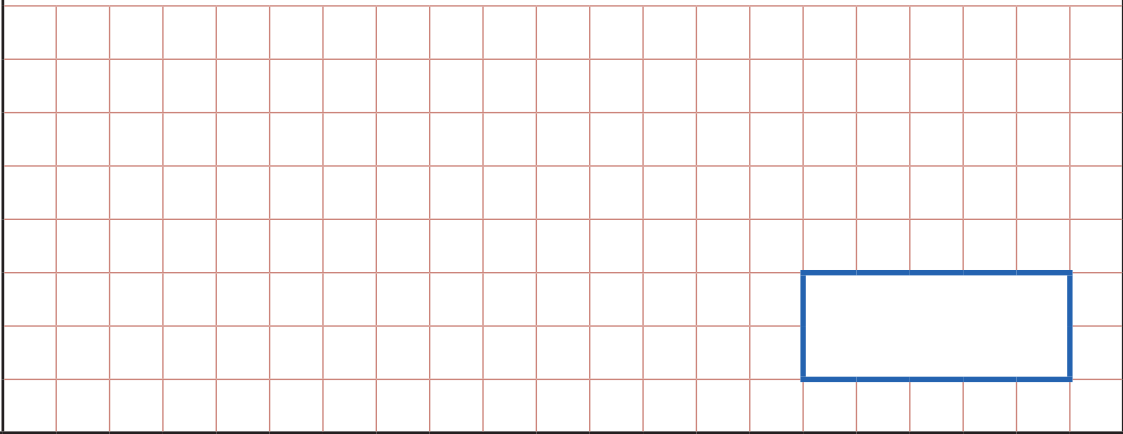
6. $2,268 \div 6 = \mathbf{378}$ (W)

7. $120 \div \mathbf{12} = 10$ (M)

1	$626 \times 0 =$	 1 mark

2	$3 \times$ $= 33$	 1 mark

3	$4.39 \times 5 =$	 1 mark

4	$\frac{3}{4} \times \frac{2}{5} =$  	 1 mark
5	$486,132 - 399,889 =$  	 1 mark
6	$51,000 + 23,000 =$  	 1 mark

Challenge yourself!

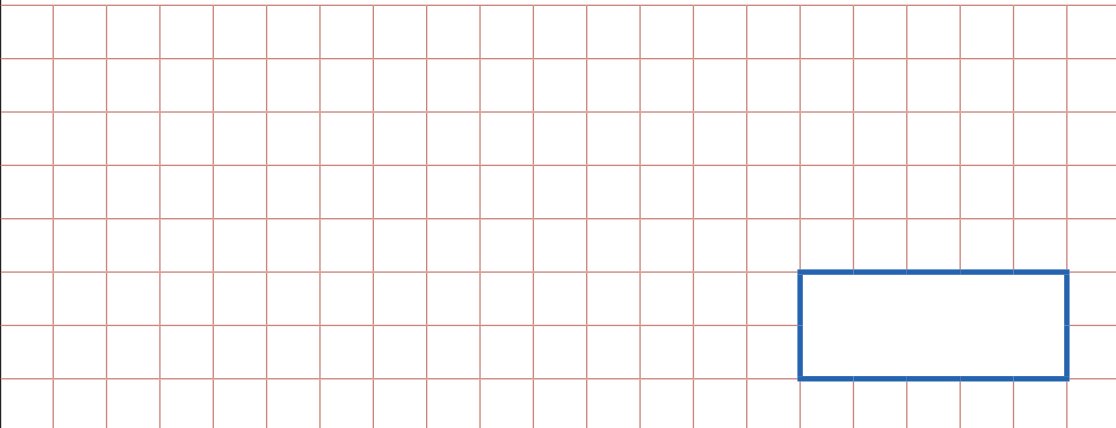
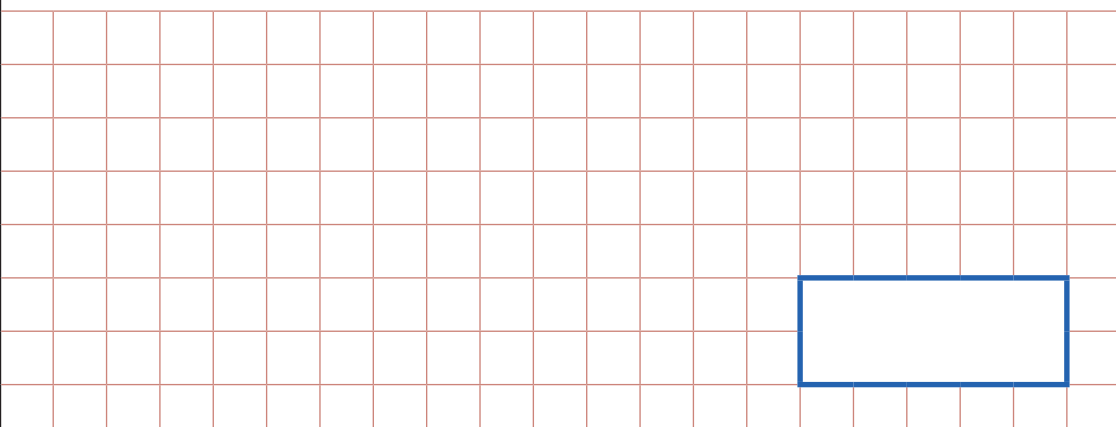
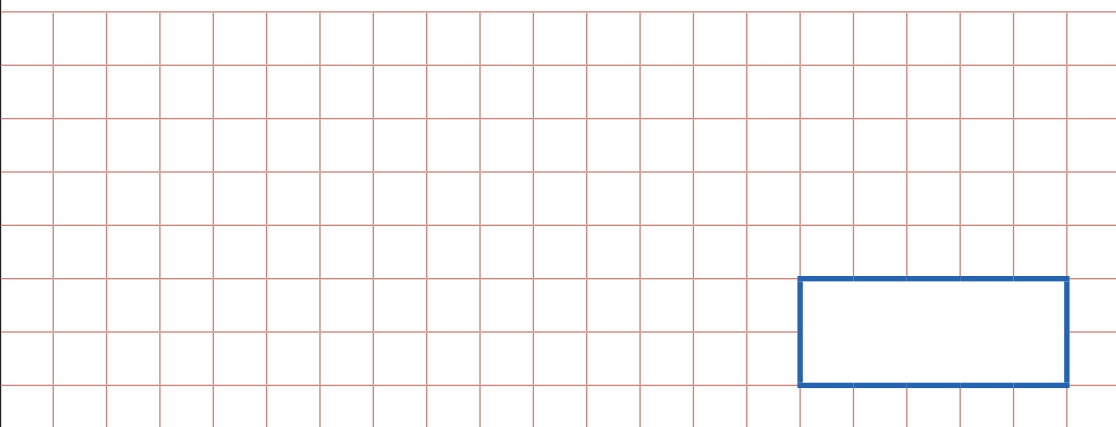
7	$42.145 + 15.588 =$	1 mark

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. $626 \times 0 = \mathbf{0}$ (M)
2. $3 \times \mathbf{11} = 33$ (M)
3. $4.39 \times 5 = \mathbf{21.95}$ (W)
4. $\frac{3}{4} \times \frac{2}{5} = \frac{\mathbf{6}}{\mathbf{20}}$ or $\frac{\mathbf{3}}{\mathbf{10}}$ (M)
5. $486,132 - 399,889 = \mathbf{86,243}$ (W)
6. $51,000 + 23,000 = \mathbf{74,000}$ (M)
7. $42.145 + 15.588 = \mathbf{57.733}$ (W)

1	4,000 + = 6,500	1 mark
2	901,002 – 463,552 =	1 mark
3	7 x 4 =	1 mark

4	$7,238 \div 100 =$ 	1 mark
5	$\frac{2}{10} \div 4 =$ 	1 mark
6	$6.12 \times 4 =$ 	1 mark

Challenge yourself!

[illegible]

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. $4,000 + \mathbf{2,500} = 6,500$ (M)
2. $901,002 - 463,552 = \mathbf{437,450}$ (W)
3. $7 \times 4 = \mathbf{28}$ (M)
4. $7,238 \div 100 = \mathbf{72.38}$ (M)
5. $\frac{2}{10} \div 4 = \frac{\mathbf{2}}{\mathbf{40}}$ or $\frac{\mathbf{1}}{\mathbf{20}}$ (M)
6. $6.12 \times 4 = \mathbf{24.48}$ (W)
7. $54.294 - 11.58 = \mathbf{42.714}$ (W)

1

$12 \times 3 =$

10

1 mark

2

$$582.12 + 14.66 =$$

1

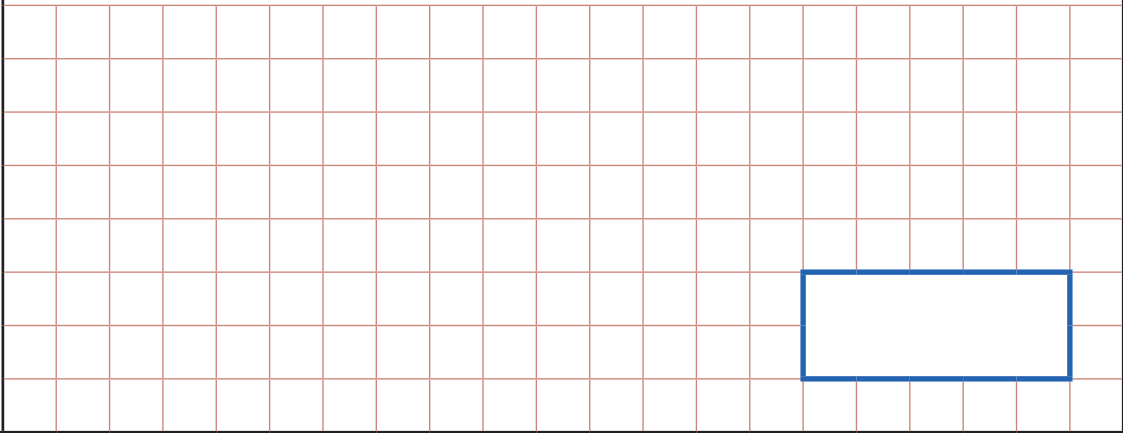
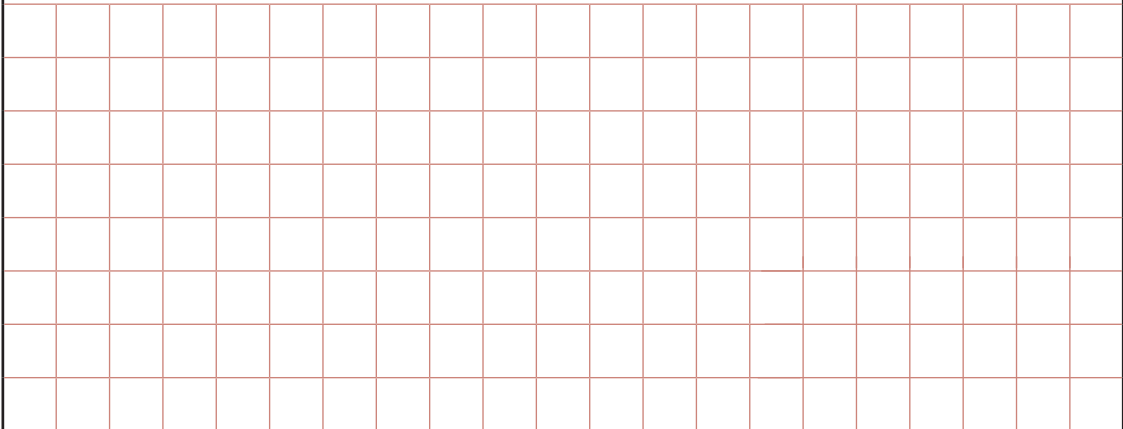
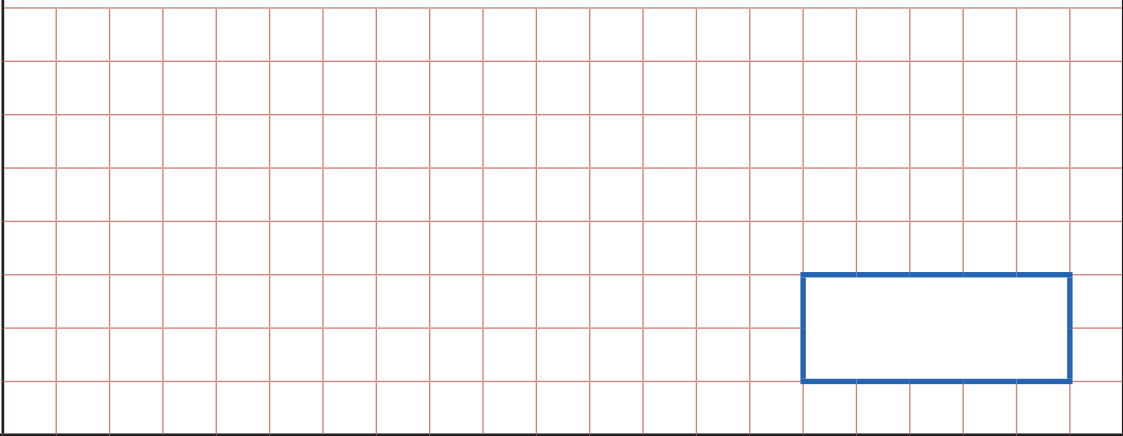
1 mark

3

$$2.02 \times 9 =$$

10

1 mark

4	$\frac{3}{5} \div 2 =$ 	1 mark
5	$477,898 +$ $= 955,796$ 	1 mark
6	$32 - 18 =$ 	1 mark

Challenge yourself!

7		$- 430 = 260$	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. $12 \times 3 = \mathbf{36}$ (M)
2. $582.12 + 14.66 = \mathbf{596.78}$ (W)
3. $2.02 \times 9 = \mathbf{18.18}$ (W)
4. $\frac{3}{5} \div 2 = \frac{\mathbf{3}}{\mathbf{10}}$ (M)
5. $477,898 + \mathbf{477,898} = 955,796$ (W)
6. $32 - 18 = \mathbf{14}$ (M)
7. $\mathbf{690} - 430 = 260$ (M)

		5	8	1	0	0	0
−		1	9	3	4	1	2

1 mark

$$(40 + 8) \div 4 =$$
[illegible]

1 mark

$$14,000 + 59,000 =$$
[illegible]

1 mark

$$5.85 \times 9 =$$

11

5

11/11/2019

$$= 7 \times 9$$

11

6

$$+ 1.505 = 8.504$$

10

© Third Space Learning 2018. You may photocopy this page.

Challenge yourself!

7

$$\frac{6}{10} \div 2 =$$

[illegible]

--	--

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. $581,000 - 193,412 = \mathbf{387,588}$ (W)

2. $(40 + 8) \div 4 = \mathbf{12}$ (M)

3. $14,000 + 59,000 = \mathbf{73,000}$ (M)

4. $5.85 \times 9 = \mathbf{52.65}$ (W)

5. $\mathbf{63} = 7 \times 9$ (M)

6. $\mathbf{6.999} + 1.505 = 8.504$ (W)

7. $\frac{6}{10} \div 2 = \frac{\mathbf{6}}{\mathbf{20}}$ (M)