



THIRD SPACE
LEARNING

Week 2

Day 1

Possible methods to use:

Subtracting

	7	8	0	6	9	9
-		8	9	9	4	9
<hr/>						
	6	0	7	5	0	

Multiplication

		3	2	7
x				4
<hr/>				
	1	3	0	8
		1	2	



Week 2 – Day 1

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$A. 34 \div 10 =$$

$$B. 4,456 - 3,137 =$$

$$C. 6 + 6 + 8 =$$

$$D. 7 \times 37 =$$



Week 2 – Day 1

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$E. = 72 \div 10$$

$$F. 9,372 - 3,482 =$$

$$G. 7 + 7 + 8 =$$

$$H. 7 \times 42 =$$



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Week 2 – Day 1

Problem Solving

- Find the missing numbers in these calculations.

$$\begin{array}{r} 34\boxed{}1\boxed{} \\ - \quad \boxed{}482 \\ \hline 292\boxed{}4 \end{array}$$

$$\begin{array}{r} 6\boxed{}02\boxed{} \\ + \quad 5\boxed{}51 \\ \hline \boxed{}9180 \end{array}$$

- My answer is 5398, what's the question?
 - Create 3 addition calculations.
 - Create 3 subtraction questions.
 - Did you use a strategy? Explain it.



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Week 2 – Day 1

(ANSWERS)

Answers:

- A. 3.4
- B. 1119
- C. 20
- D. 259
- E. 7.2
- F. 5890
- G. 22
- H. 294

Problem Solving

Answers:

1)

$$34716 - 5482 = 29234$$

$$64029 + 5151 = 69180$$

2)

These can be any!

Happy to check if you
send via the Year 5
Email address.



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LEARNING

Week 2

Day 2

Possible methods to use:

Multiplication

	3	2	7	
x			4	
<hr/>				
1	3	0	8	
	1	2		

Division

	0	6	6	3	r	5
8)	5	3	0	2	9



Week 2 – Day 2

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✓ Try mentally first

✓✓ Try a written method

$$A. 547 \div 10 =$$

$$B. 34 \times 7 =$$

$$C. 4 + 9 + 1 =$$

$$D. 432 \div 7 =$$



Week 2 – Day 2

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✓ Try mentally first

✓✓ Try a written method

$$E. 697 \div 10 =$$

$$F. 44 \times 7 =$$

$$G. 5 + 9 + 15 =$$

$$H. 392 \div 7 =$$



Week 2 – Day 2

Fluency

- $8 \times 6 = 48$.
Use this to help you find the answers to the number sentences:
 $48 \div 6 =$
 $6 \times 80 =$
- Write down five multiplication and division facts that use the number 48.
- If I know $8 \times 36 = 288$, I also know $8 \times 12 \times 3 = 288$ and $8 \times 6 \times 6 = 288$.
If you know $9 \times 24 = 216$, what else do you know?



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Week 2 – Day 2 (ANSWERS)

Answers:

- A. 54.7
- B. 238
- C. 14
- D. 61 r 5
- E. 69.7
- F. 308
- G. 29
- H. 56

Fluency Answers:

1)

8

480

2)

These can be any! Happy to check if you send via the Year 5 Email address.

3)

$$9 \times 12 \times 2 = 216$$

$$9 \times 1 \times 24 = 216$$

$$9 \times 3 \times 8 = 216$$

$$9 \times 4 \times 6 = 216$$



THIRD SPACE
LEARNING

Week 2

Day 3

Possible methods to use:

Subtracting

	7	8	0	,	6	9	9
-		8	9	,	9	4	9
<hr/>							
		6	0	,	7	5	0

Division

		0	6	6	3	r	5
8)	5	3	0	9		



Week 2 – Day 3

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$A. 384 + 7 =$$

$$B. 4,326 - 1,138 =$$

$$C. 8 + 6 + 8 =$$

$$D. ? = 743 \div 7$$



Week 2 – Day 3

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$E. 875 + 8 =$$

$$F. 8,567 - 2,878 =$$

$$G. 9 + 6 + 9 =$$

$$H. ? = 849 \div 7$$



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Week 2 – Day 3

Reasoning

- How can you use 10×7 to help you find the 9th multiple of 7?

- Find the answer:

$$2 \times 11 = \quad 4 \times 11 =$$

$$2 \times 12 = \quad 4 \times 12 =$$

$$2 \times 13 = \quad 4 \times 13 =$$

What is the connection between the results for the two times table and the four times table?

If $2 \times 144 = 288$, what is 4 times 144?

- To multiply a number by 25 you multiply by 100 and then divide by 4. Use this strategy to solve.
 84×25
 28×25
 5.6×25



Week 2 – Day 3

(ANSWERS)

Reasoning Answers:

1)

You can use it by doing $10 \times 7 = 70$ and then taking away $7 = 63$ (9×7).

2)

22 44

24 48

26 52

It is double the previous amount. 4 is double 2.

$$4 \times 144 = 576$$

3)

$$84 \times 25 = 8400 \div 4 = 2100$$

$$28 \times 25 = 2800 \div 4 = 700$$

$$5.6 \times 25 = 560 \div 4 = 140$$

Answers:

A. 391

B. 3188

C. 22

D. 160 r 1

E. 883

F. 5689

G. 24

H. 121 r 2



THIRD SPACE
LEARNING

Week 2

Day 4

Possible methods to use:

Subtracting

$$\begin{array}{r} \cancel{7}^{\circ} \cancel{8}^{\circ} \cancel{0}, 699 \\ - \quad 89,949 \\ \hline 60,750 \end{array}$$

Division

$$\begin{array}{r} 0663 \text{ r } 5 \\ 8 \overline{) 5309} \end{array}$$

Fraction

Question:

$\frac{1}{2}$ of 16.

Step 1: $WN \div D$

$$16 \div 2 = 8$$

Step 2: Answer to step 1 $\times N$

$$8 \times 1 = 8$$

Therefore,

$$\frac{1}{2} \text{ of } 16 = 8$$



Week 2 – Day 4

THIRD SPACE
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✓ Try mentally first

✓✓ Try a written method

A. $\frac{1}{3}$ of 48 =

B. $56 = 8 \times ?$

C. $? = 4,536 - 1,143$

D. $52 \div 4 = ?$



Week 2 – Day 4

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$E. \frac{2}{3} \text{ of } 48 =$$

$$F. 72 = 8 \times ?$$

$$G. ? = 9,526 - 7,667$$

$$H. 64 \div 4 =$$



Problem Solving

- 40 cupcakes cost £3.60, how much do 20 cupcakes cost? How much do 80 cupcakes cost? How much do 10 cupcakes cost?
- If $8 \times 24 = 192$, how many other pairs of numbers can you write that have the product of 192?
- 10 times a number is 4350, what is 9 times the same number? Explain your working.



Week 2 – Day 4
(ANSWERS)

Problem Solving Answers:

1)

20 cupcakes = £1.80

80 cupcakes = £7.20

10 cupcakes = £0.90

Answers:

A. 16

B. 7

C. 3393

D. 13

E. 32

F. 9

G. 1859

H. 16

2)

1 x 192

2 x 96

3 x 64

4 x 48

6 x 32

12 x 16

3)

4350 divided by 10 is 435. We are working out
 435×9 . Therefore we can do $4350 - 435 = 3915$



THIRD SPACE
LEARNING

Week 2

Day 5

Possible methods to use:

Subtracting

	7	8	0	,	6	9	9
-		8	9	,	9	4	9
		6	0	,	7	5	0

Division

	0	6	6	3	r	5
8)	5	3	0	9	

Fraction

Question:

$\frac{1}{2}$ of 16.

Step 1: $WN \div D$

$$16 \div 2 = 8$$

Step 2: Answer to step 1 $\times N$

$$8 \times 1 = 8$$

Therefore,

$$\frac{1}{2} \text{ of } 16 = 8$$



Week 2 – Day 5

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$\text{A. } \frac{1}{4} \text{ of } 64 =$$

$$\text{B. } 3,422 - 2,721 =$$

$$\text{C. } 647 \div 10 =$$

$$\text{D. } 873 \div 7 =$$



Week 2 – Day 5

THIRD SPACE
LEARNING

✓ Try mentally first

✓✓ Try a written method

$$\text{E. } \frac{3}{4} \text{ of } 64 =$$

$$\text{F. } 5,642 - 3,764 =$$

$$\text{G. } 8468 \div 10 =$$

$$\text{H. } 954 \div 7 =$$



THIRD SPACE
LEARNING

Week 2 – Day 5

Fluency

- Solve:

$$345 \times 10 =$$

$$345 \times 100 =$$

- Fill the gaps:

$$3790 \times \square = 379000$$

$$3790 + \square = 379$$

$$\square \times 1000 = 497200$$

- Harry has £20, he wants to save 10 times this amount. How much more does he need to save?



THIRD SPACE
LEARNING

Week 2 – Day 5 (ANSWERS)

Answers:

- A. 16
- B. 701
- C. 64.7
- D. 124 r 5
- E. 48
- F. 1878
- G. 846.8
- H. 136 r 2

Fluency Answers:

1)

3450

34500

2)

100

10

497.2

3)

£180