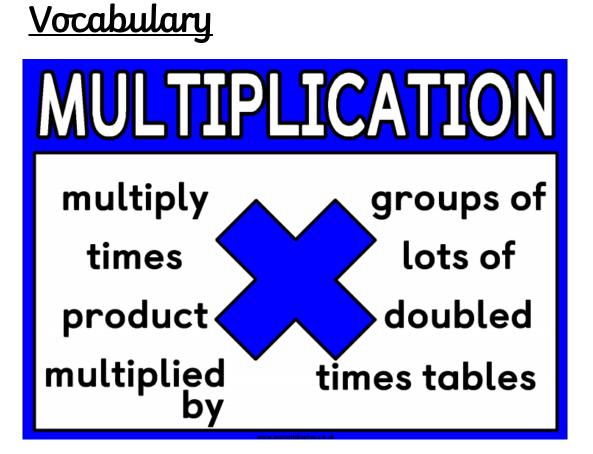
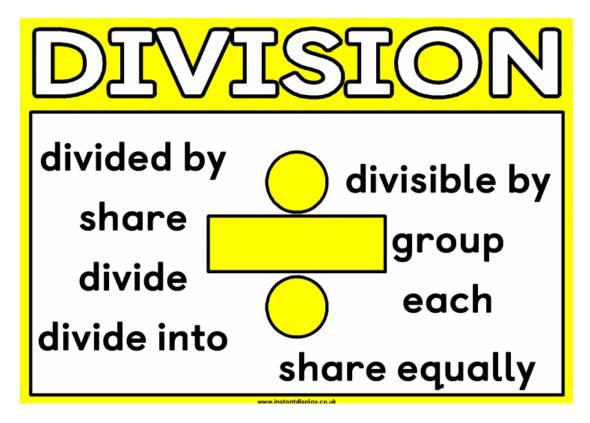
Year 5 Maths, Booklet 2 Multiplication and Division





Date			
Subject/s		Maths	
Learning Objective	To recall and u	se multiplication and divisic	m facts
3 × 4 =	7 × 8 =	9 ÷ 3 =	36 ÷ 12 =
21 ÷ 7 =	8 × 6 =	12 × 4 =	10 × 8 =
4 × 8 =	3 × 9 =	4 × 7 =	3 × 11 =
40 ÷ 8 =	15 ÷ 3 =	27 ÷ 9 =	20 ÷ 4 =
4 × 11 =	48 ÷ 6 =	8 ÷ 4 =	6 × 8 =
5 × 8 =	11 × 3 =	5 x 8 =	80 ÷ 10 =
24 ÷ 4 =	88 ÷ 11 =	24 ÷ 3 =	4 × 1 =
72 ÷ 8 =	8 × 4 =	9 × 4 =	8 × 5 =
10 × 3 =	16 ÷ 4 =	8 × 11 =	6 × 4 =
5 × 4 =	32 ÷ 8 =	6 ÷ 3 =	3 ÷ 3 =
12 ÷ 3 =	3 × 6 =	48 ÷ 12 =	44 ÷ 11 =
4 × 9 =	8 ÷ 8 =	3 × 4 =	7 × 3 =
11 × 8 =	4 × 3 =	0 x 8 =	12 × 8 =
3 × 12 =	48 ÷ 8 =	18 ÷ 3 =	28 ÷ 4 =
24 ÷ 8 =	30 ÷ 10 =	3 × 3 =	56 ÷ 7 =
27 ÷ 3 =	8 × 9 =	64 ÷ 8 =	4 × 12 =
7 × 4 =	10 × 4 =	36 ÷ 4 =	5 × 3 =
36 ÷ 9 =	16 ÷ 8 =	8 × 8 =	56 ÷ 7 =
56 ÷ 8 =	8 × 3 =	21 ÷ 3 =	4 × 6 =
3 × 0 =	72 ÷ 9 =	4 × 12 =	32 ÷ 4 =
12 ÷ 4 =	3 × 8 =	96 ÷ 12 =	12 × 3 =
33 ÷ 3 =	4 × 4 =	24 ÷ 8 =	7 × 8 =
6 × 3 =	9 × 8 =	2 × 3 =	9 × 3 =
40 ÷ 4 =	4 ÷ 4 =	11 × 4 =	21 ÷ 3 =
28 ÷ 7 =	3 × 7 =	32 ÷ 8 =	8 × 12 =

Date							
Subject/s	Maths						
Learning Objective	To use short multiplication						
	•						
		SA O M	TA				
Success Criteria	I know to start with the ones						
✓! 📃	I can use my times tables knowledge I know to add the numbers that have been exchanged						
Support	Independent Adult Support () Group Work	I					
Pre-task: Calculate							
32 x 8 =	72x3= 574x4=						
		-	-				
		+	H .				
	+++++++++++++++++++++++++++++++++++++++	+					
	+++++++++++++++++++++++++++++++++++++++	-					
		_	Щ.				
			Ц.				
		_					
		+					
	+++++++++++++++++++++++++++++++++++++++	+	Η.				
		+	Η.				
		+	Η.				
		-	-				
	+++++++++++++++++++++++++++++++++++++++	+					
	+++++++++++++++++++++++++++++++++++++++	+					
		_					
		+	\square				
		-					

Thousands	Hundreds	Tens	Ones		Th	н	т	0
000	•••	00	000		3	2	2	3
000	••	00	000	×				3
000	••••	00	000					

<u>Teacher Led</u>

Here you can see the written method alongside place value counters to represent 3223×3 . In each column there are three lots of each digit because we are multiplying by 3.

Now lets try another calculation.

Begin by multiplying the ones column: 3 lots of 3 ones = 9. Then move onto the tens. 3 lots of 2 tens = 6 tens. Next, move to the hundreds. 3 lots of 2 hundreds = 6 hundreds. Finally, look at the thousands. 3 lots of 3 thousands = 9 thousands.

Now look at this problem. We can see the written method and place value counters to represent 2114 x 3.

Begin at the ones, so 3 lots of 4 ones = 12 ones.

We can't have more than 9 in a place value column, so we will need to exchange.

You can see we have exchanged 10 ones for 1 ten. You can see this represented with the place value counters. This has been shown on the written method by recording the ten just under the tens column.

Now we can calculate the multiplication for the tens column. 3 lots of 1 = 3. However, I must remember to add the exchange on. Therefore $3 \times 1 = 3$. 3 + 1 = 4.

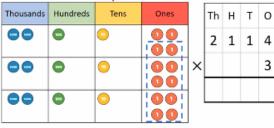
Now I can complete the calculation.

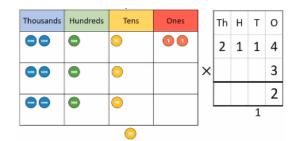
3 x 1 hundred = 3

 3×2 thousands = 6.

Thousands	Hundreds	Tens	Ones		Th	н	т	0
000	••	00	000		3	2	2	3
000	••	00	000	×				3
					9	6	6	9
000	•••	\odot	000					

Е





Tens

0

0

0

Ones

00

Th H T O

2 1 1 4

×

3

4 2

1

Hundreds

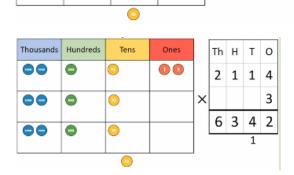
.....

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.

Thousands

00



<u>Fluency</u>

Complete these calculations using the squared paper on the next pages.

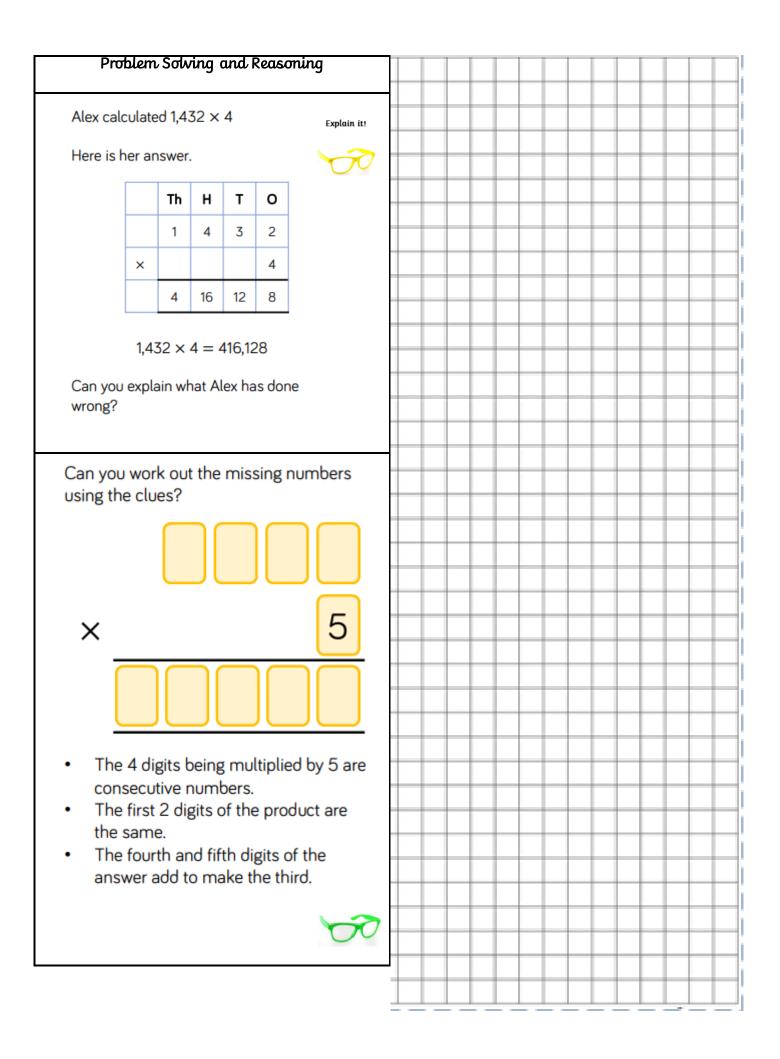
^{1.} 7,519 × 7	^{2.} 6,642 × 6	^{3.} 6,290 × 5	^{₄.} 9,512 × 5
^{₅.} 3,613 × 3	^{6.} 8,726 × 6	^{7.} 4,957 × 2	^{8.} 7,902 × 6
^{9.} 6,237	^{10.} 9,847	^{11.} 867	^{12.} 1,907
<u>× 5</u>	<u>× 5</u>	× 8	<u>× 4</u>

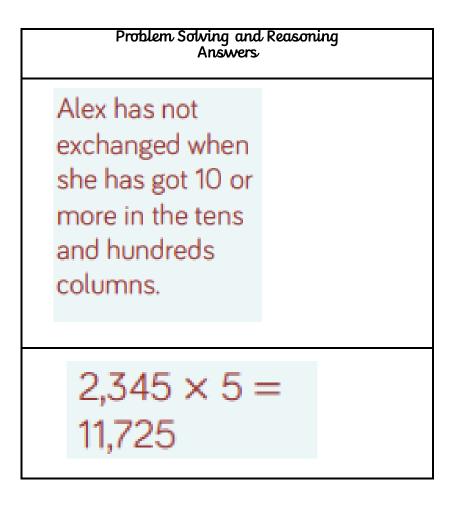
												-

												-

Fluency-Answers

- 1) 52633
- 2) 39852
- 3) 31450
- 4) 47560
- 5) 10839
- 6) 52356
- 7) 9914
- 8) 47412
- 9) 31 185
- 10) 49235
- 11) 6936
- 12) 7628





Further Challenge

How many ways?

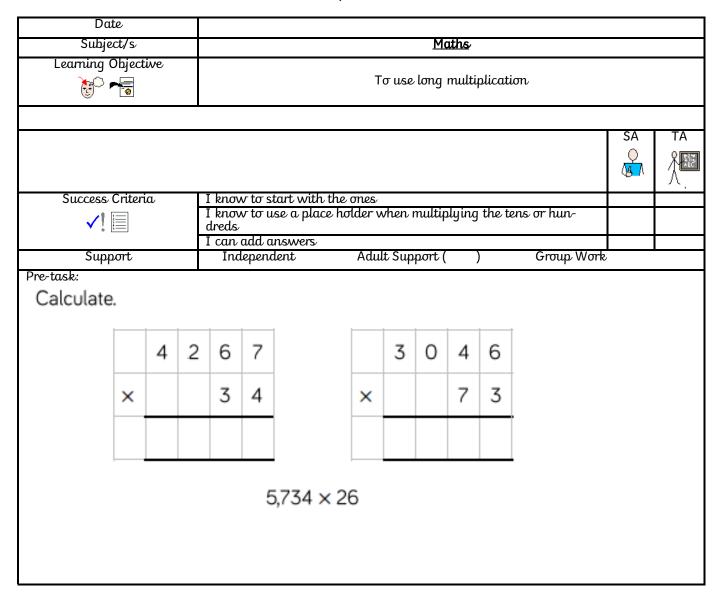
Complete using digits 0-9. The digit in the box with a border must be odd.



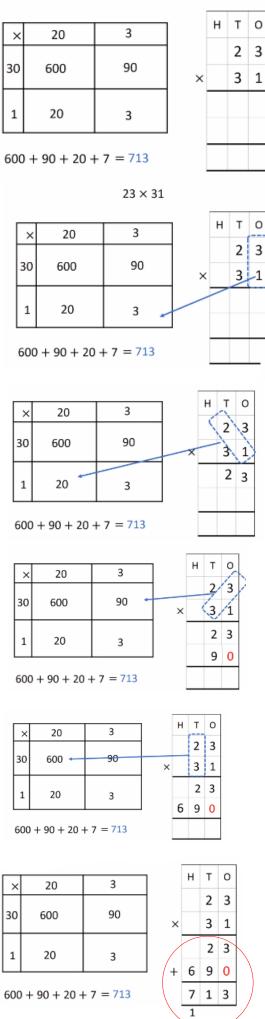
Level 1: I can find a way Level 2: I can find different ways Level 3: I know how many ways there are

Date	
Subject/s	Maths
Learning Objective	To recall and use multiplication and division facts

1	9 X 7	30	6 x 9	59	9 X 4	
2	8 x 4	31	12 x 3	60	7 x 6	
3	7 x 10	32	3 x 8	61	4 x 8	
4	9 x 9	33	8 X 8	62	12 X 2	
5	6 x 2	34	6 x 8	63	3 x 6	
6	4 x 7	35	11 x 7	64	4 x 10	
7	9 X 2	36	10 x 1	65	9 x 11	
8	12 x 12	37	10 x 5	66	3 x 12	
9	5 X 9	38	3 x 5	67	3 x 10	
10	7 X 7	39	12 x 11	68	4 X 4	
11	11 x 6	40	6 x 6	69	4 x 9	
12	5 x 11	41	2 x 9	70	4 x 11	
13	4 x 6	42	12 x 7	71	6 x 5	
14	9 x 5	43	11 x 8	72	7 x 2	
15	8 X 12	44	2 x 6	73	5 x 12	
16	10 x 10	45	4 x 5	74	2 x 10	
17	7 x 3	46	4 x 9	75	4 x 12	
18	5 x 8	47	8 x 2	76	7 x 8	
19	3 x 3	48	7 x 9	77	6 x 10	
20	10 x 11	49	12 x 8	78	12 x 6	
21	11 x 2	50	9 X 4	79	7 x 12	
22	2 x 7	51	5 X 5	80	2 X 2	
23	6 x 12	52	10 x 12	81	11 x 0	
24	5 x 7	53	8 x 11	82	2 x 12	
25	10 x 6	54	4 x 3	83	2 X 4	
26	9 x 12	55	2 x 5	84	8 x 5	
27	5 x 4	56	5 x 10	85	7 x 11	
28	11 x 11	57	9 x 3	86	9 x 6	
29	7 x 4	58	8 x 10	87	10 x 11	







3

<u>Teacher Led</u>

Now we will try multiplying by 2 digits.

Here you can see 23 x 31 represented in the area model (grid method) and in the written long multiplication method.

We need to multiply 20 and 3 by both 30 and 1, then add our answers together.

The area method shows these multiplications in their parts.

Now let's focus on the long multiplication method.

We begin by multiplying the ones. $3 \times 1 = 3$.

You can see this on the area model and on the long multiplication method.

Let's move to the next part of the calculation.

We are still multiplying by 1, but this time it's 1 x 2 tens = 2 tens.

Again, you can see this on the area model and the long multiplication method.

Now we need to multiply by the 3 tens.

3 tens x 3 ones = 90 or 9 tens.

Look carefully at how this is recorded. It is really important to put a zero in the ones column as a place holder, because we are multiplying by tens not ones.

For the next part of the calculation we need to do 3 tens x 2 tens = 600 or 6 hundreds.

Finally, we need to add each part of the multiplication together, using column addition which we recapped last week.

Teacher Led continued

		3	6
x		3	2
			2

Now lets look at another example.

Remember, first we begin with the ones. So 2 x 6 = 12. I will need to exchange

		3	6
x		3	2
		7	2

Now, we continue by multiply 2. So 2 x 3 tens = 6 tens. This time I need to add on my exchange. So 6 + 1 = 7

		3	6
x		3	2
		7	2
	1	1 8	0

Now we can move on to multiplying the tens.

Don't forget to put in zero as a place holder to show we are multiplying by tens not ones

3 tens x 6 ones = 18 tens or 180. I will need to exchange again

			3	6
×			3	2
			7	2
	1	0	1 8	0
		1		

Next we multiply 3 tens by 3 tens = 9 hundreds or 900. But we must remember to add on the exchange. 9 + 1 = 10

			3	6
x			3	2
			7	2
	1	0	1 8	0
	1	1	5	2
		1		

Finally, we add the two products together. 72 + 1080 = 1152

<u>Fluency</u>

2.				
			4	6
×			3	3

3.				
			1	6
×			3	3

4.			
		1	4
x		2	3

5.			
		2	5
x		3	6

6.	 		
		3	5
х		5	6

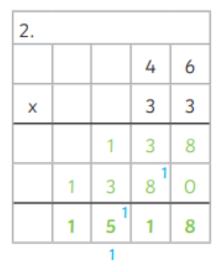
7.					
			3	4	
x			2	3	

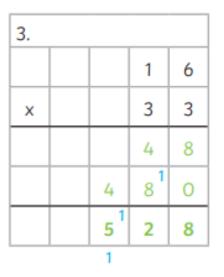
8.	 		
		4	3
x		3	3

9.			
		4	2
x		2	5

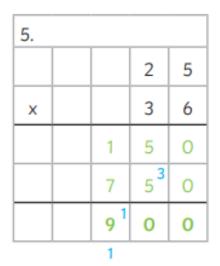
10.	 		
		4	6
x		1	6

Fluency-Answers



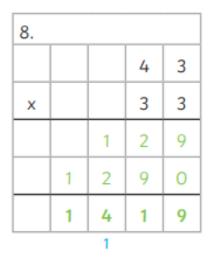


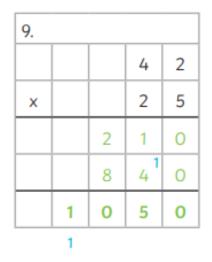
4.			
		1	4
x		2	3
		4	2
	2	81	0
	3	2	2
	1		



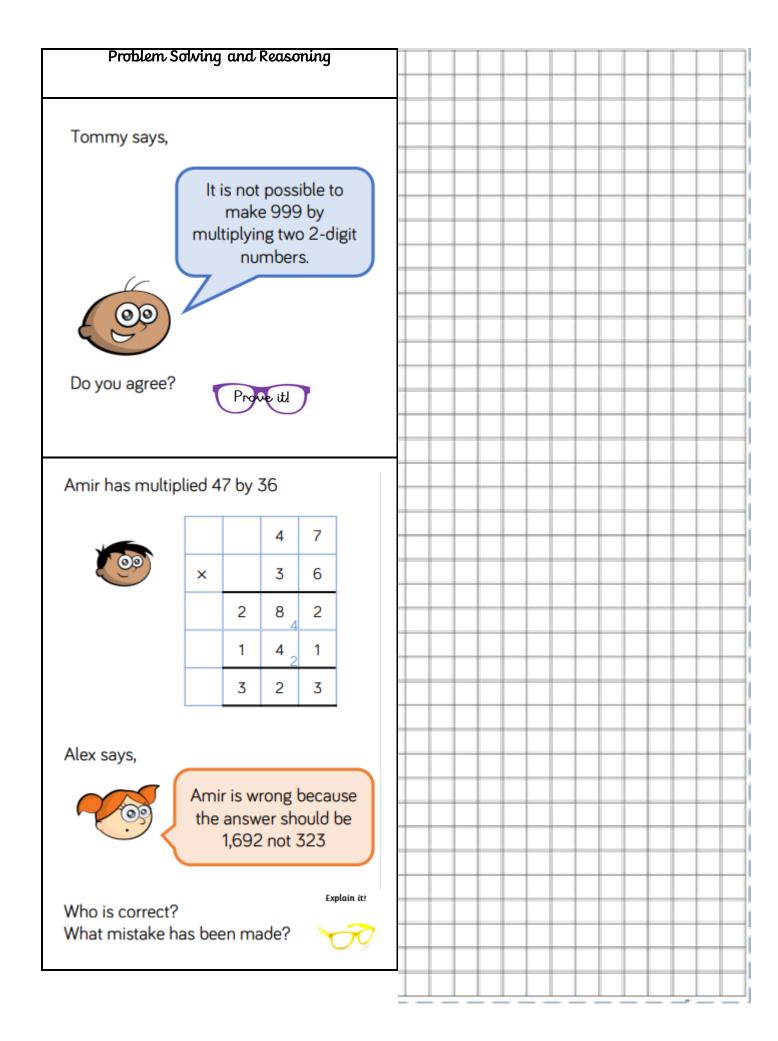
6.				
			3	5
×			5	6
		2	1	0
	1	7	5 ³	0
	11	9 ²	6	0

7.			
		3	4
x		2	3
	1	0	2
	6	81	0
	7	8	2





10.			
		4	6
x		1	6
	2	7	6
	4 ²	63	0
	73	3	6
	1		



Problem Solving and Reasoning Answers					
Children may use a trial and error approach during which they'll further develop their multiplication skills. They will find that Tommy is wrong because 27 × 37 is equal to 999					
Alex is correct. Amir has forgot to use zero as a place holder wh multiplying by 3 tens.	ien				

Date						
Subject/s Learning Objective	Maths					
	To recall and use multiplication and division facts					
2 × 2 =	3 × 3 =	4 × 4 =	$11 \times 10 =$			
3 × 5 =	6 × 8 =	7 × 5 =	10 × 2 =			
4 × 6 =	12 × 5 =	8 × 12 =	3 × 12 =			
7 × 4 =	8 × 6 =	10 × 11 =	4 × 9 =			
10 × 10 =	10 × 12 =	4 x 2 =	5 x 7 =			
9 × 3 =	11 × 2 =	10 × 3 =	9 × 8 =			
7 x 2 =	3 × 9 =	6 × 8 =	10 × 7 =			
11 × 3 =	4 × 11 =	12 × 10 =	7 x 8 =			
10 × 5 =	2 × 5 =	2 × 11 =	4 × 3 =			
2 × 4 =	6 × 10 =	8 × 3 =	12 × 4 =			
5 × 6 =	10 × 9 =	3 × 4 =	5 x 8 =			
7 × 10 =	2 × 12 =	4 × 5 =	8 × 8 =			
9 × 2 =	5 × 3 =	7 × 8 =	12 × 2 =			
3 × 11 =	9 × 4 =	8 × 10 =	5 × 4 =			
10 × 4 =	5 × 5 =	2 × 8 =	9 × 5 =			
8 × 5 =	8 × 8 =	= 0 × 8	8 × 11 =			
9 × 8 =	9 × 10 =	4 × 12 =	2 × 10 =			
4 × 10 =	5 × 2 =	12 × 8 =	4 × 7 =			
3 × 2 =	6 × 3 =	3 × 6 =	11 × 5 =			
7 × 3 =	6 × 4 =	5 × 10 =	2 × 3 =			
4 × 8 =	5 × 11 =	8 × 2 =	8 × 9 =			
5 × 9 =	2 × 6 =	3 × 7 =	8 x 4 =			
12 × 8 =	3 × 10 =	11 × 4 =	11 × 8 =			
2 × 9 =	2 × 7 =	5 × 12 =	12 x 3 =			
10 × 8 =	3 × 8 =	0 × 4 =	8 × 7 =			

Date					
Subject/s	Maths				
Learning Objective	To use long multiplication				
		SA			
		A	,		
Success Criteria	I know to start with the ones				
✓! 📃	I know to use a place holder when multiplying the tens or hun- dreds I can add answers				
Support	Independent Adult Support () Group Wor	8,			

	7	1	8
x		4	5
		,	0
		-4	

<u>Teacher Led</u>

Here we can see the long multiplication method. This time we're multiplying 3 digits by 2 digits. The method stays the same as for 2 digits.

First, begin with the ones. $5 \times 8 = 40$. We need to exchange

×	7	1	8 5
		9 4	0
		4	

Next we need to $d\sigma 5 \times 1 = 5$.

Remember, we need to add on the exchange. 5 + 4 = 9

Now we need to do $5 \times 7 = 35$.

We're not finished yet, we still need to multiply the tens. Turn to the next page to see how.

		7	1	8
x			4	5
	3	5	9	0
			4	0

Now we can multiply the tens.

Our first step is to put in a zero as a place holder. This shows that we are multiplying by tens, not ones.

		7	1	8
x			4	5
	3	5	9	0
		2	9 -4 2	0
		3		

Now we do $4 \times 8 = 32$. We will need to exchange.

		7	1	8
x			4	5
	3	5	9	0
		7	9 4 2	0
		-3-		

Next, we do $4 \times 1 = 4$.	
Don't forget to add on the exchange. $4 + 3 = 7$	

		7	1	8
x			4	5
	3	5	9	0
2	8	7	9 -4 2	0
		-3-		

Next, we will do $4 \times 7 = 28$.

Finally, we add our two products together. Use column addition for this.

		7	1	8
x			4	5
	3	5	9	0
2	8	7	9 -4 2	0
3	2	3 3	1	0
1	1	1		

<u>Fluency</u>

1.					
		1	6	1	
x			2	3	

2.			
	2	3	2
x		2	6

3.			
	6	1	4
x		1	8

4.			
	9	6	9
x		9	5

5.	 		
	7	4	0
x		9	6

6.			
	3	6	2
x		5	8

7.				
	1	4	6	2
х			7	0

8.					
		1	2	3	٩
x				1	٩

۹.					
		1	3	5	٩
х				7	7

Fluency—Answers

2.				
		2	3	2
x			2	6
	1	3	9	2
	4	6	4	0

3.										
		6	1	4						
x			1	8						
	4	9	1	2						
	4 6	9 1	1 4	2 0						

4.									
		9	6	9					
x			9	5					
	4	8	4	5					
8	7	2	1	0					
		0	5	5					

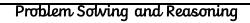
5.				
		7	4	0
x			9	6
	4	4	4	0
6	6	6	0	0

6.				
		3	6	2
x			5	8
	2	8	9	6
1	8	1	0	0

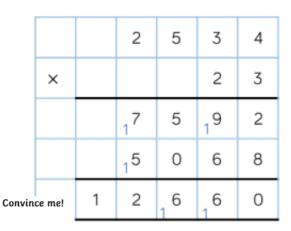
7.					
		1	4	6	2
x				7	0
					0
1	0	2	3	4	0 0

	2	3	5	4	1
	1	2	3	9	0
	1	1	1	5	1
х				1	9
		1	2	3	9
8.					

9.					
		1	3	5	9
х				7	7
		9	5	1	3
	9	9 5	5 1	1 3	3 0

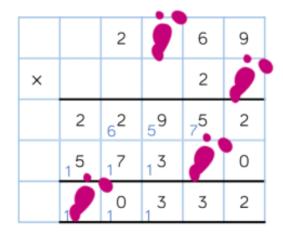


Can you spot and correct the errors in the calculation?





Teddy has spilt some paint on his calculation.

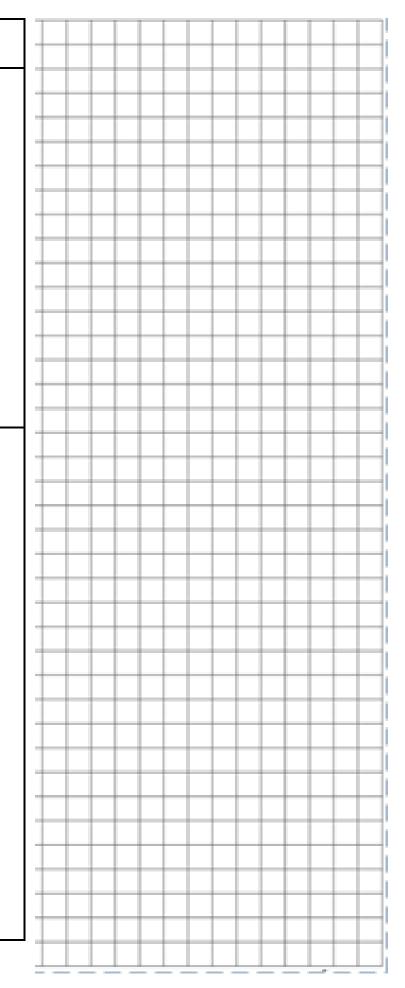


What are the missing digits?

What do you notice?

Use it!



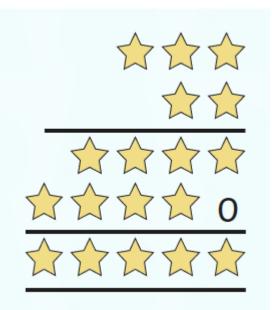


Problem Solving and Reasoning Answers

There are 2 errors. In the first line of working, the exchanged ten has not been added. In the second line of working, the place holder is missing. The correct answer should be 58,282

The missing digits are all 8

Further Challenge



A three-digit number is multiplied by a twodigit number and the calculation is written out.

Each star stands for one digit. Apart from the zero shown, the only digits which occur are 2, 3, 5 and 7. what are the missing numbers?

	Date			
	ubject/s ng Objective		Maths	
	ing Objective	To recall a	nd use multiplication and divisio	n facts
ų.				
1)	7 x 2	=	21) 8 x 6 =	
2)	3 x 8	=	22) 7 x 9 =	
3)	4 x 6	=	23) 6 x 7 =	
4)	2 x 9	=	24) 8 x 8 =	
5)	6 x 4	=	25) 6 x 3 =	
6)	8 x 4	=	26) $9 \times 6 =$	
7)	7 x 5	=	27) 7 x 5 =	
8)	9 x 10	=	$28) 8 \times 9 =$	
9)	6 x 6	=	29) 10 x 7 =	
1)	6 x	= 18	21) x 7	= 49
2)	8 x	= 16	22) 8 x	= 72
3)	x 7	= 7	23)x6	= 48
4)	x 9	= 45	24) 9 x	= 45
5)	7 x	= 21	25)x 7	= 63
6)	x 6	= 36	26) 6 x	= 36
7)	x 8	= 40	27) 8 x	= 64
8)	9 x	= 90	28) x 6	
		= 32	29)x 9	= 72
10)	x 6	= 24	30) 7 x	= 56
11)	7 x	= 63	31) x 8	= 48
12)	x 6	= 0	32) 6 x	= 60
13)	x 8	= 80	33) 9 x	= 45
14)	9 x	= 54	34) x 8	= 72
15)	6 x	= 42	35) x 7	= 28
16)	x 8	= 56	36) 9 x	= 81
17)	x 9	= 81	37) x 6	= 6
18)	6 x	= 30	38) x 8	= 64
		= 48	39) 7 x	= 49
	x 9		40) <u> </u>	

Steps to Success

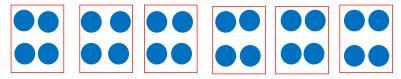
Date											
Subject/s					Mat	hs					
Learning Objective											
		To use short division									
							6.4				
							SA O	TA			
Success Criteria	I can put the f	rst nur	nber in	iside th	re bus st	op					
✓! 📃	I can put the n	umber	I am c	lividin	g by on i	the outside					
	I can write ren										
Support	Independen	t	Ac	lult Su	pport () Group Work	r.				
Pre-task:											
Calculate using short di	vision.										
5 7 2	5 3	1	9	3	8						

<u>Teacher Led</u>

Before we begin short division, let's do a quick recap of dividing.

24 ÷ 4 = 6

I can check this with grouping. 24 split into groups of 4 makes 6 groups.

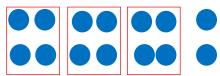


It is quicker to use my times tables though!

I know that 6 x 4 = 24 so I know that $24 \div 4 = 6$

What if there are some left over?

Lets try 14 ÷ 4 =

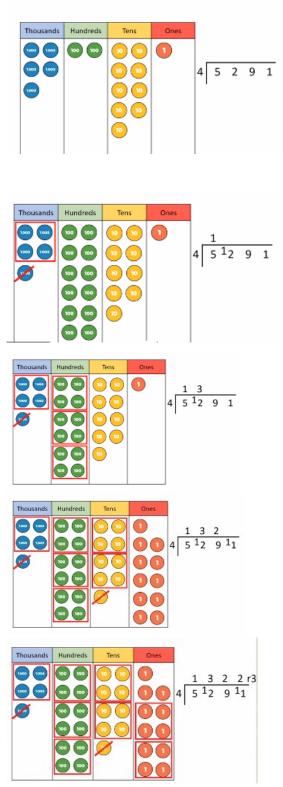


I can see 3 groups of 4 with 2 left over. We call this a remainder and write it like this: $14 \div 4 = 3 r^2$

Remember times tables really help to speed it up. I know $3 \times 4=12$ and 14-12 = 2.

For our first short division question we will be dividing by 4. It may help to write out your 4 times table





<u>Teacher Led</u>

We are going to use short division to divide a 4 digit number by a 1 digit number. This method is sometimes called 'bus stop'.

Here you can see the written method, showing 5291 inside the 'bus stop'.

Alongside it is a place value grid and counters.

With short division we begin with the largest digit, in this number it is the thousands. So, 5 thousands divided by 4 (how many 4s are in 5). This gives an answer of 1 with 1 left over (remainder).

We can exchange this remainder into our next column—the hundreds.

Now we need to do 12 hundreds divided by 4 = 3 hundreds.

Next we look at the tens. 9 tens divided by 4 = 2 tens with 1 remainder.

We then exchange the remaining ten for ten ones.

Finally, we look at the ones.

11 ones divided by 4 = 2 groups with 3 left over. These leftover ones are our remainder.

So the final calculation is:

5291 ÷ 4 = 1322 r3

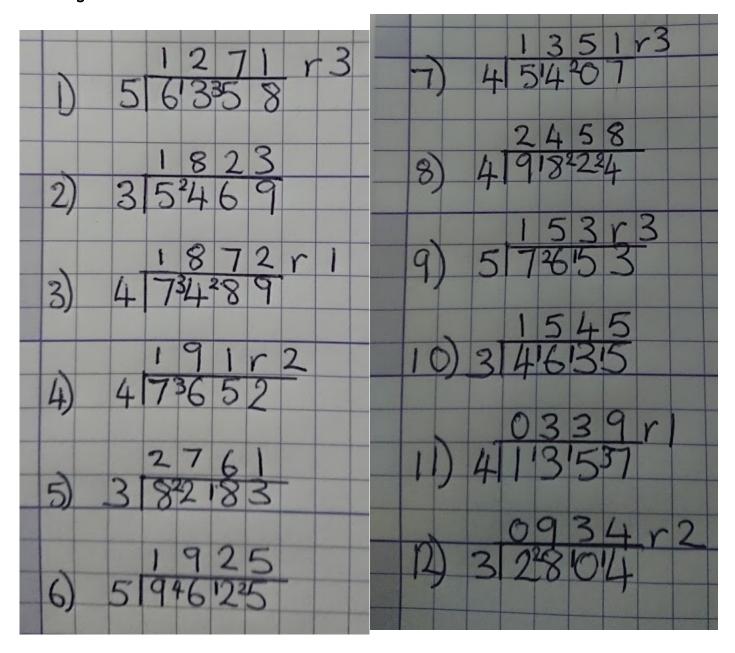
Fluency

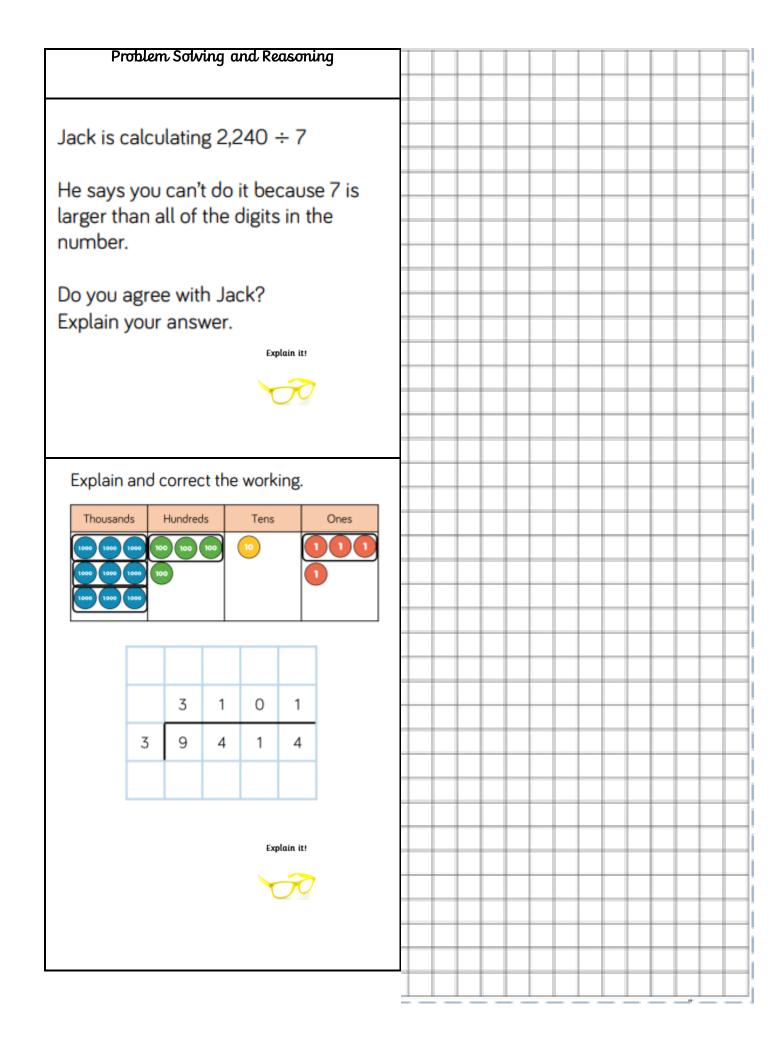
Use the squared paper on the next page to work out these division questions.

6358 ÷ 5 =
5469 ÷ 3 =
7489 ÷ 4 =
7652 ÷ 4 =
8283 ÷ 3 =
9625 ÷ 5 =
5407 ÷ 4 =
9824 ÷ 4 =
7653 ÷ 5 =
4635 ÷ 3 =
1357 ÷ 4 =
2804 ÷ 3 =

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Fluency-Answers





Problem Solving and Reasoning Answers

Jack is incorrect. You can exchange between columns. You can't make a group of 7 thousands out of 2 thousand, but you can make groups of 7 hundreds out of 22 hundreds.

The answer is 320

There is no exchanging between columns within the calculation. The final answer should have been 3,138

Date					
Subject/s		Maths			
Learning Objective	To recall and u	se multiplication and divisic	m facts		
3 × 4 =	7 × 8 =	9 ÷ 3 =	36 ÷ 12 =		
21 ÷ 7 =	8 × 6 =	12 × 4 =	10 × 8 =		
4 × 8 =	3 × 9 =	4 × 7 =	3 × 11 =		
40 ÷ 8 =	15 ÷ 3 =	27 ÷ 9 =	20 ÷ 4 =		
4 × 11 =	48 ÷ 6 =	8 ÷ 4 =	6 × 8 =		
5 × 8 =	11 × 3 =	5 x 8 =	80 ÷ 10 =		
24 ÷ 4 =	88 ÷ 11 =	24 ÷ 3 =	4 × 1 =		
72 ÷ 8 =	8 × 4 =	9 × 4 =	8 × 5 =		
10 × 3 =	16 ÷ 4 =	8 × 11 =	6 × 4 =		
5 × 4 =	32 ÷ 8 =	6 ÷ 3 =	3 ÷ 3 =		
12 ÷ 3 =	3 × 6 =	48 ÷ 12 =	44 ÷ 11 =		
4 × 9 =	8 ÷ 8 =	3 × 4 =	7 × 3 =		
11 × 8 =	4 × 3 =	0 x 8 =	12 × 8 =		
3 × 12 =	48 ÷ 8 =	18 ÷ 3 =	28 ÷ 4 =		
24 ÷ 8 =	30 ÷ 10 =	3 × 3 =	56 ÷ 7 =		
27 ÷ 3 =	8 × 9 =	64 ÷ 8 =	4 × 12 =		
7 × 4 =	10 × 4 =	36 ÷ 4 =	5 × 3 =		
36 ÷ 9 =	16 ÷ 8 =	8 × 8 =	56 ÷ 7 =		
56 ÷ 8 =	8 × 3 =	21 ÷ 3 =	4 × 6 =		
3 × 0 =	72 ÷ 9 =	4 × 12 =	32 ÷ 4 =		
12 ÷ 4 =	3 x 8 =	96 ÷ 12 =	12 × 3 =		
33 ÷ 3 =	4 × 4 =	24 ÷ 8 =	7 × 8 =		
6 × 3 =	9 × 8 =	2 × 3 =	9 × 3 =		
40 ÷ 4 =	4 ÷ 4 =	11 × 4 =	21 ÷ 3 =		
28 ÷ 7 =	3 × 7 =	32 ÷ 8 =	8 × 12 =		

Date			
Subject/s	Maths		
Learning Objective	To use short division—continued		
		SA O M	та А
Success Criteria	I can put the first number inside the bus stop		Λ.
Support	I can put the number I am dividing by on the outside I can write remainders next to correct digits Independent Adult Support () Group Work		

<u>Teacher Led</u>

Today's fluency work continues from the short division method we learnt yesterday. The divisors are a little more difficult today. Remember, if you struggle with your times tables, write down the ones you need.

There is a times table grid on the next page, if you need help.

Let's recap:

There are 349 people at a wedding. They are sitting at tables in groups of 8

How many tables are needed?

We need 43 tables

- First, write the calculation in the 'bus stop'.
- Then, write out your multiples of 8 to help you. 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96
- Next, remember to begin with the largest digit.
- 3 ÷ 8 = We can't do this, so record a 0 above the 3, then exchange it.
- 34 ÷ 8 = 4r2 Exchange the 2
- 29 ÷ 8 = 3 r5
- Answer 43 r5

1x9=9	1x8=8	1x7=7	1x6=6	1x5=5	1x4=4	1x3=3	1x2=2	1x1=1
2x9=18	2x8=16	2x7=14			2x4=8	2x3=6	2x2=4	
2x9=18 3x9=27 4x9=36 5x9=45	2x8=16 3x8=24	2x7=14 3x7=21	2x6=12 3x6=18 4x6=24 5x6=30	2x5=10 3x5=15 4x5=20 5x5=25	3x4=12 4x4=16	3x3=9		
4x9=36	4x8=32 5x8=40	4x7=28 5x7=35	4x6=24	4x5=20	4x4=16			
5x9=45	5x8=40	5x7=35	5x6=30	5x5=25				
		6x7=42	6x6=36					
6x9=54 7x9=63	6x8=48 7x8=56	6x7=42 7x7=49						
8x9=72 9x9=81	8x8=64							
9x9=81								

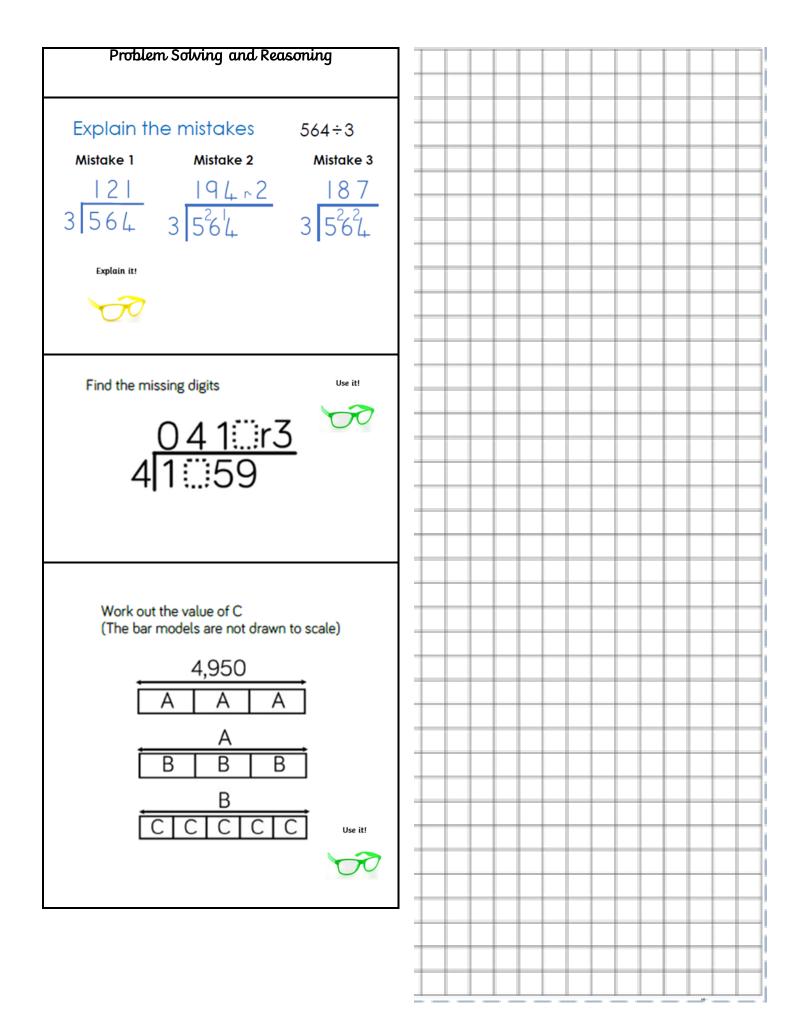
<u>Fluency</u>

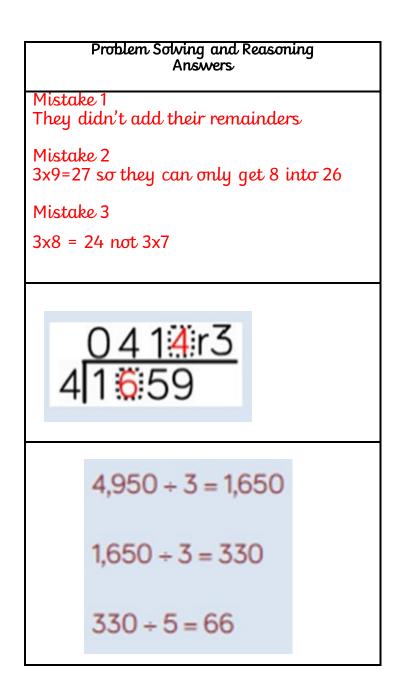
Complete these calculations using the squared paper on the next page

1758 ÷ 9 =
1177 ÷ 7 =
1279 ÷ 8 =
8424 ÷ 6 =
9933 ÷ 4 =
8827 ÷ 8 =
2067 ÷ 9 =
6505 ÷ 9 =
2637 ÷ 7 =
4239 ÷ 5 =
4443 ÷ 9 =
4619 ÷ 3 =

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Further Challenge

True or false?

'It's impossible to divide a number by 3 more than twice without leaving a remainder.'

Explain using examples.