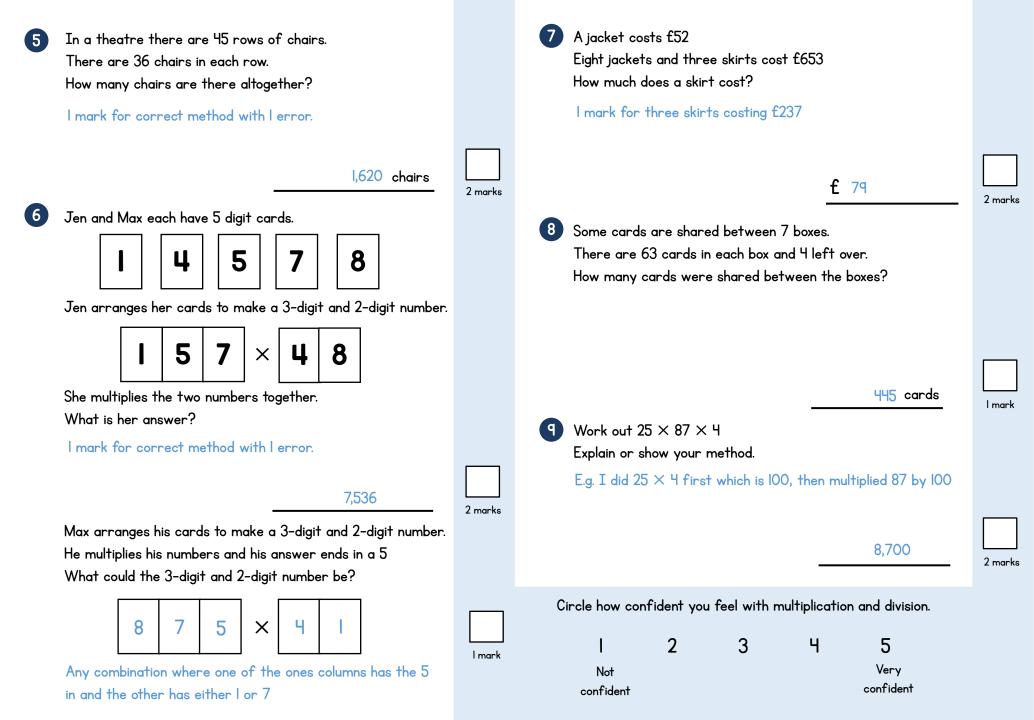
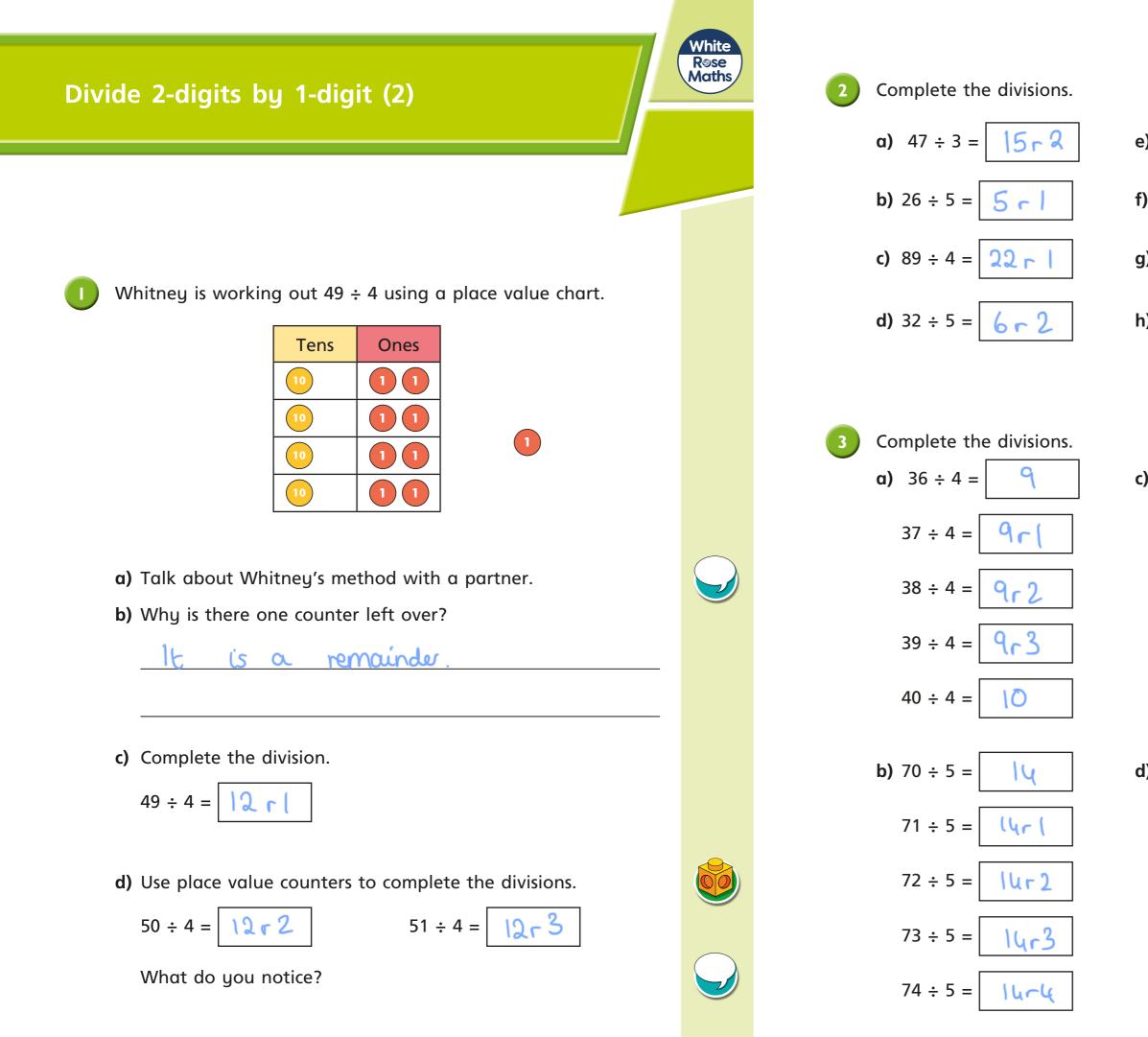
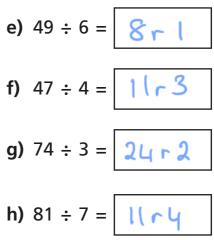
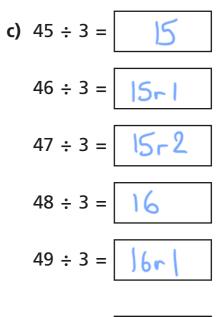
V5	White R©se Maths	2 Complete the	e calcule	ation.				
Year 5				2	0	7	Allow I	
Multiplication and Division			X			6	mark if l	
Name]		2	4	2	error has been made.	
Calculate. $312 \times 3 = \underline{936}$		3 Jack is thinkii When he mul What is Jack	ltiplies ł	his numbe		', he ge	ets I6I	2 marks
3l2 ÷ 3 = <u>IO4</u>		4 Complete the	e arid fi	or the m	wiltiplic	ation (<u></u> 36 × ŀł	l mark
				30	unpus	6		
$1,371 \times 7 = 4,597$		Ю	3	300		60	Allow I mark if I	
		ч		120		24	error has been made.	2 marks
$798 \div 5 = 159 r3$		Use the grid	to worł	k out 36	ΧЩ			
	L marks						504	l mark











$$92 \div 4 = 23$$

$$91 \div 4 = 22r3$$

$$90 \div 4 = 22r2$$

$$89 \div 4 = 22r1$$

$$88 \div 4 = 22$$





Dora has been working out some divisions.

 $72 \div 4 = 18$ 73 ÷ 4 = 18 r1 74 ÷ 4 = 18 r2 75 ÷ 4 = 18 r3 I know without working it out that $76 \div 4$

must be 18 r4

a) Why does Dora think this?

0

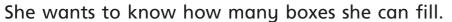
She has spotted a pattern

b) Explain why Dora is wrong.

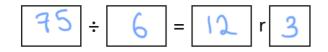
You	can't han	re a remainder	or 4
	duriding		
	J	J	

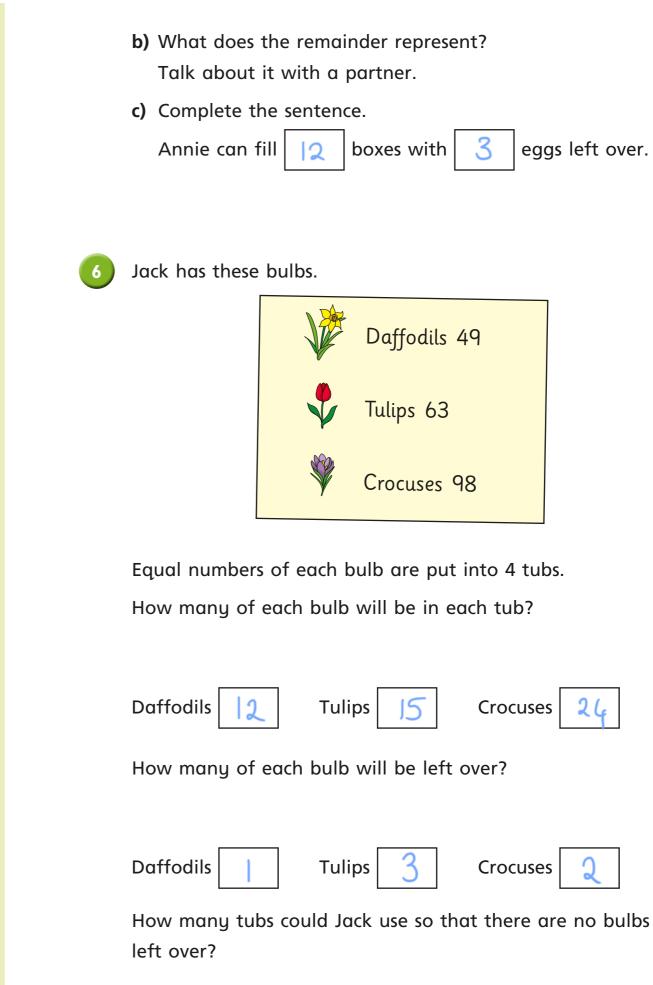
Eggs come in boxes of 6

Annie has 75 eggs.



a) Complete the division to work it out.







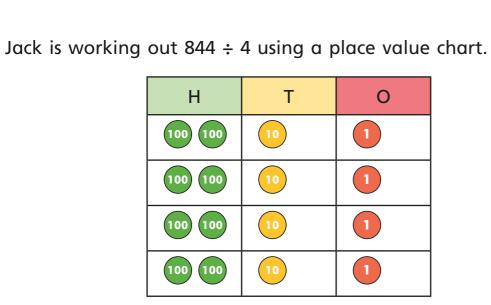






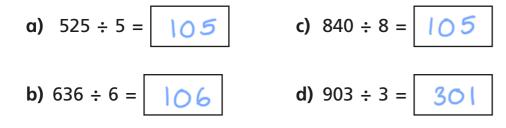


Divide 3-digits by 1-digit



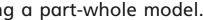
- a) Talk about Jack's method with a partner.
- **b)** Complete the division.

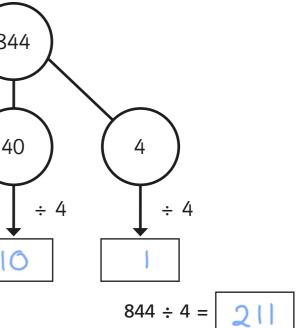
Use Jack's method to work out these divisions.



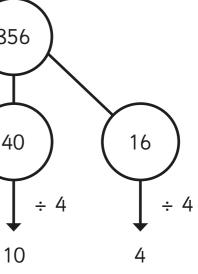
White Rose Maths Eva is working out 844 ÷ 4 using a part-whole model. 844 800 40 4 ÷4 ÷4 ÷ 4 200 Complete Eva's method. 844 ÷ 4 = A ball of string is 848 cm long. It is cut into 4 equal pieces. What is the length of one piece of string? 212cm Whitney is using flexible partitioning to divide a 3-digit number. 856 800 40 16 ÷4 ÷ 4 ÷ 4 200 10 4

Could Whitney have partitioned her number another way?



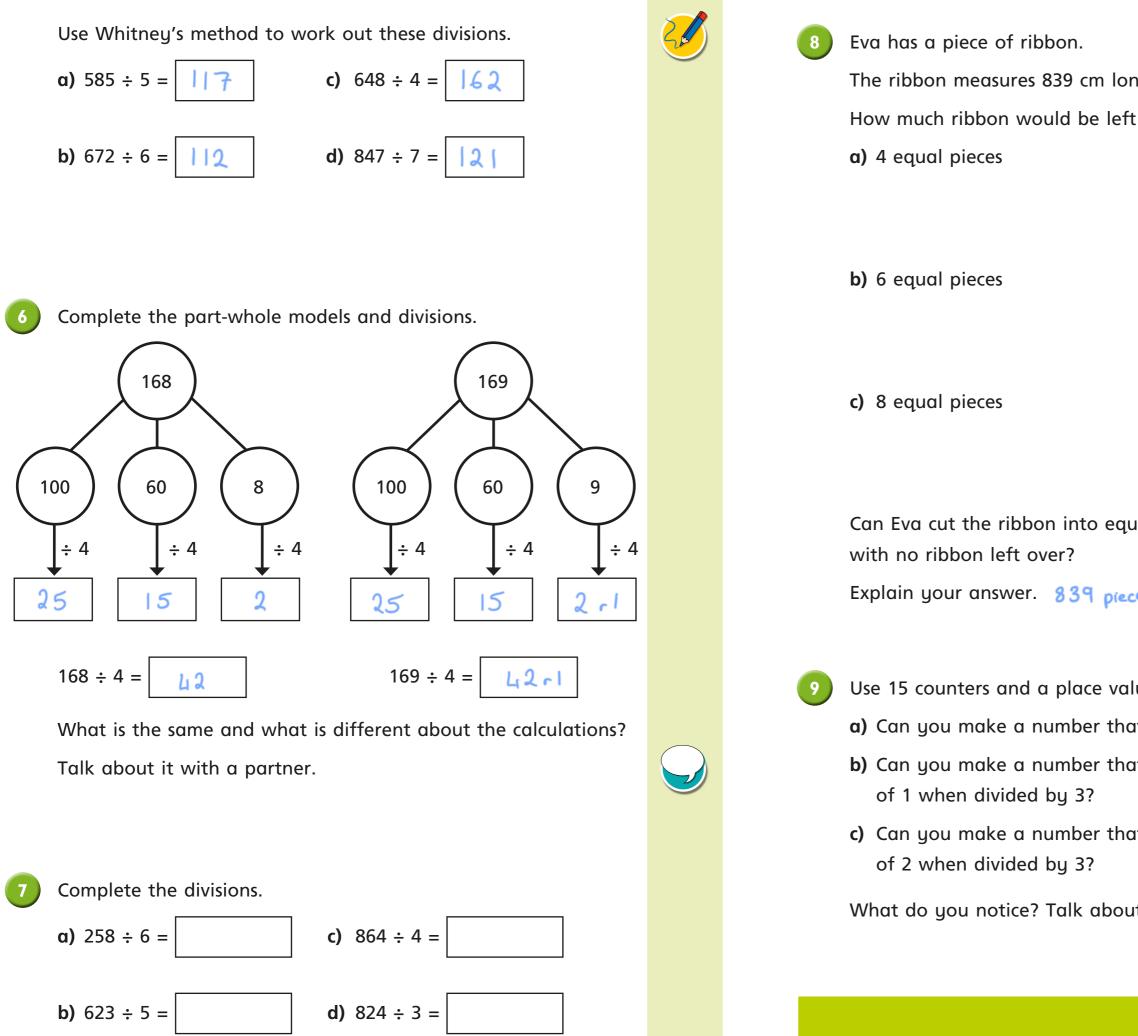








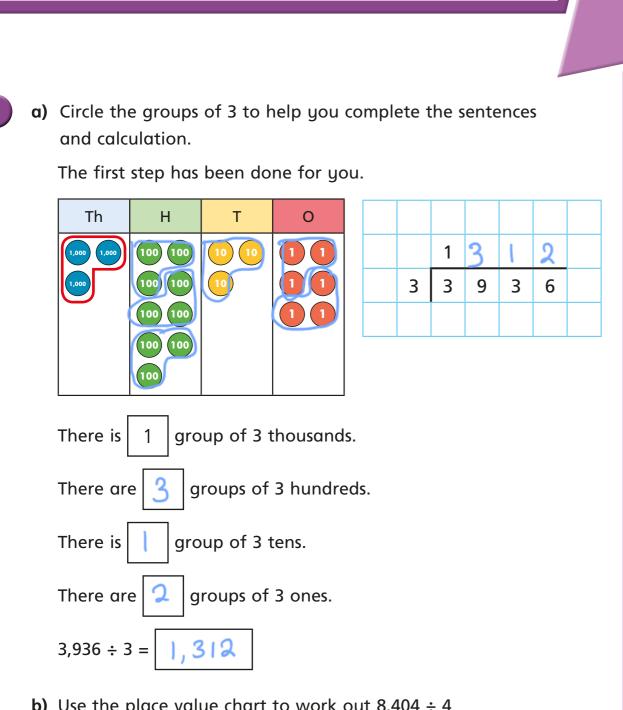
© White Rose Maths 2019



ng. it over if she cuts it into:	
3 cm	
5 cm	
ual pieces Yes	
ceo each I on long.	\bigcirc
llue chart.	
at is divisible by 3?	
at has a remainder	
at has a remainder	
ut your findings with a partner.	

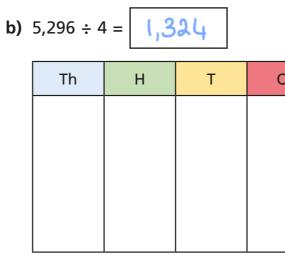


Divide 4-digits by 1-digit

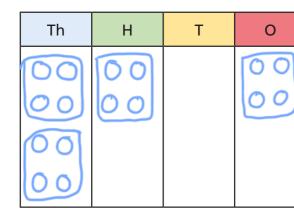


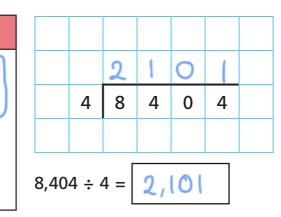
a) 8,532 ÷ 2 = 4,266 Th Н Т 100 100 1,000 (1,000 10 100 100 1,000 1,000 1,000 100 1,000

1,000 1,000



b) Use the place value chart to work out $8,404 \div 4$







White Rose Maths

2

	Th	Н	Т	0						
						١	3	2	4	
					4	5	2	9	' 6	
										
)	6,078 ÷ 6	5 = 1 , C	013							
)	6,078 ÷ 6 Th	б = <mark>1,С</mark> н	013 т	0						
)				0)	0	1	3	
)				0	6) 6	0	l 7	3	
)				Ο	6) 6	~	l 7	2	
)				0	6) 6	~	l 7	2	

Use the place value charts to work out the divisions.



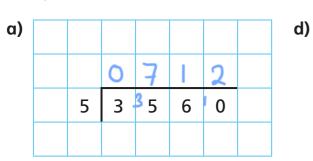
	4	2	6	6	
2	8	5	3	2	

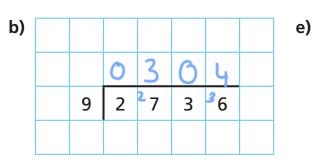


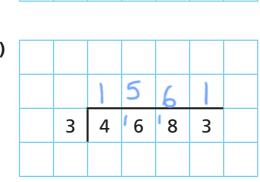
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Complete the divisions.





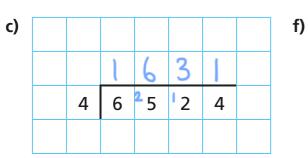


3

9³7¹86

b

6



	2	0	7	q	
1	2	0	7	9	

Could you have calculated the answer to part f) more efficiently?

4

Work out the values of a, b and c.

9,415							
a	ı	a	a	a	a	a	a

b	b	b	b	b	b	b	b
			5,3	28			



1,345

a =

120		120	120	
с	(С	С	С

5	Fin	Find the missing digits.									
	α)										
				2	2	4	1				
			4	8	9	6	4				
6	Вос	oks c	are c	ivail	able	to b	buy	in thr			
			De	al A				De			
			£12	.99				£3			

Which is the best deal? Show your workings.

120	
С	







b)						
		3	2	6	2	
	2	6	5	່ 2	4	

ree different deals.





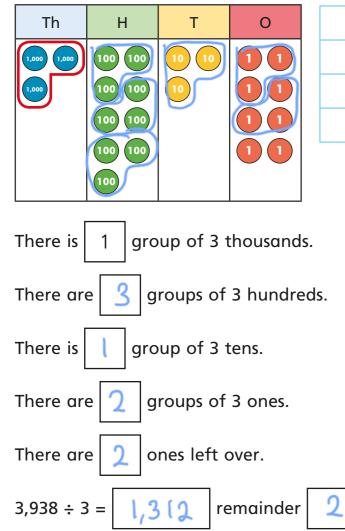


Divide with remainders



a) Circle the groups of 3 to help complete the sentences and calculation.

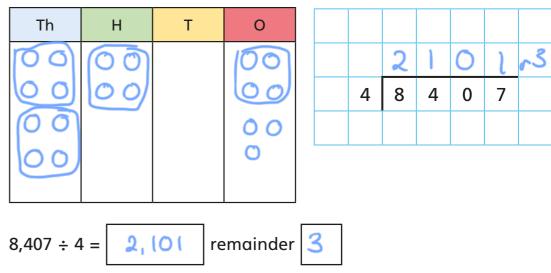
The first step has been done for you.

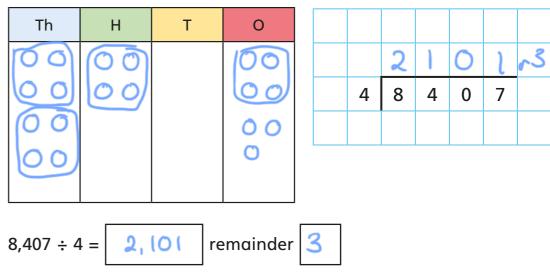


	1	3	1	2	r 2
3	3	9	3	8	

White R©se Maths



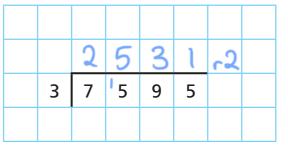


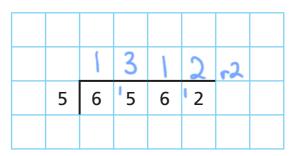


2

a) Complete the divisions.

Use place value counters to help you.



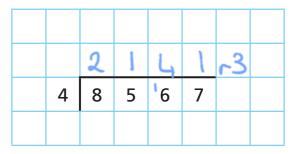


b) Write <, > or = to complete the statements.





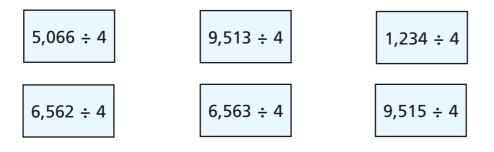




	1	3	1	l	~2	
3	3	9	3	5		

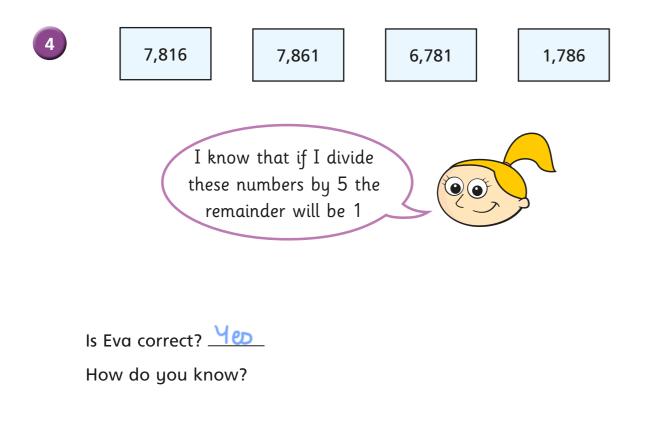


Write the calculations in the correct column of the table.



Remainder of 1	Remainder of 2	Remainder of 3	Remainder of 4
9,513÷4	5,066÷ 4	6563÷4	
	6562 +4	<i>੧,5</i> ।5÷५	
	6,562 ÷4 1,234 ÷4		

Are any columns empty? Talk to a partner about why this has happened.



There are 459 children in a school. 5 They are sitting at tables in groups of 7 We will need 65 tables. Do you agree with Mo? <u>NO</u> Explain your answer. Bags of crisps are put into multipacks of 6 6 The multipacks are then packed into boxes of 8 Yesterday, 6,500 bags of crisps were packed. How many boxes of crisps were packed? 135 2 3 4 5 ÷ a) How many ways can you complete the calculation using all the digit cards so that there is a remainder of 1? Eg. 325+4 = 81 r1 b) What do you notice? Dora is thinking of a number between 500 and 600 8 When she divides it by a 1-digit number it has a remainder of 4 What could Dora's number be?



