Monday 1st February 2021

01/02/21

Year 4 maths - Chapter 4 Lesson 16

WALT: divide 3-digit numbers with a remainder.



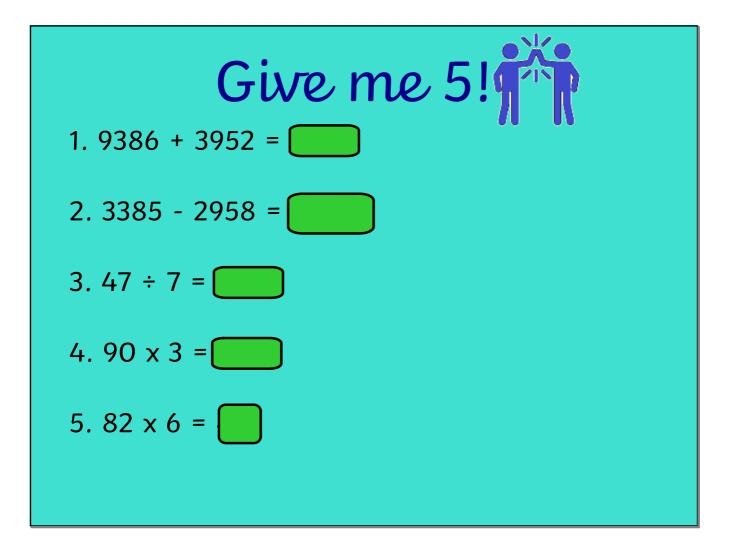
You have 5 minutes to answer these 5 questions.

In the back of your journal, write the date.

Try your best and show all of your working out (making sure your final answer is clear).

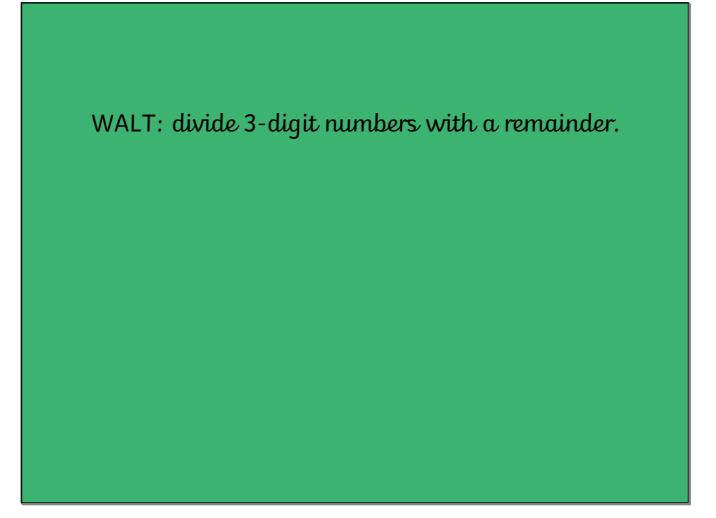
If you finish, check your working.

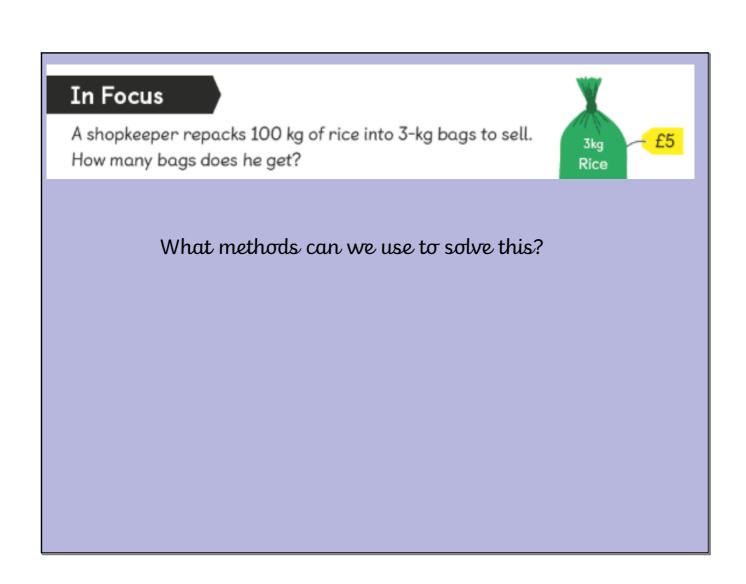
Can you beat your best score? Can you beat your best time?

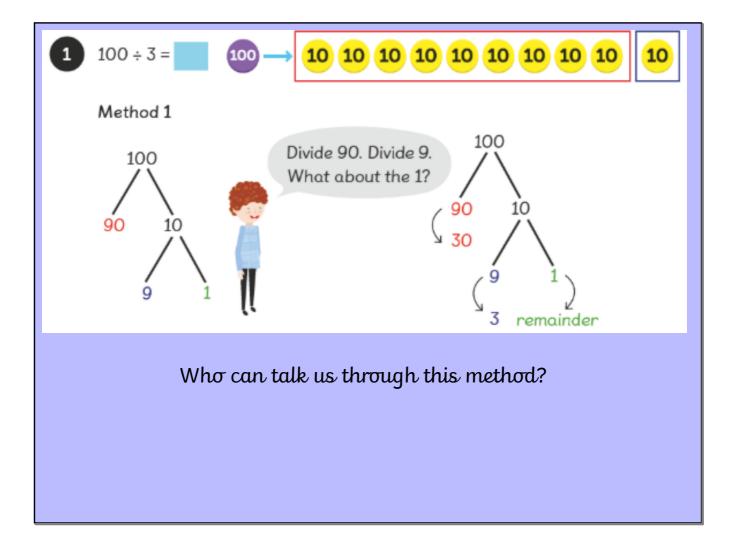


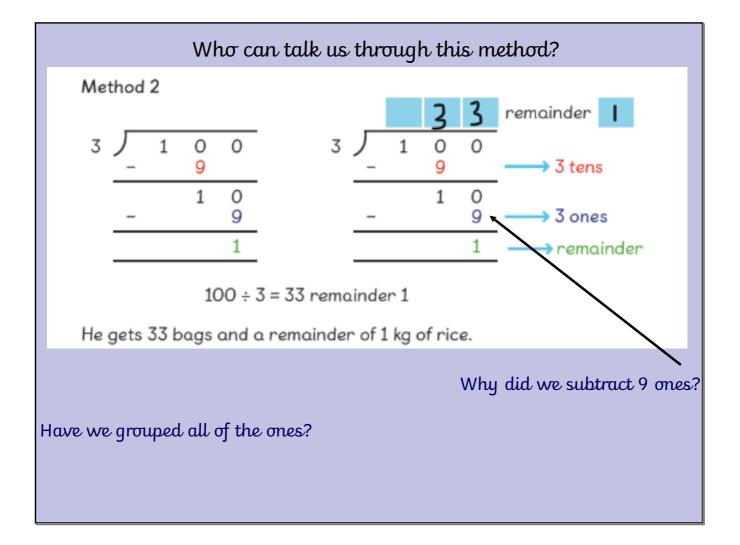


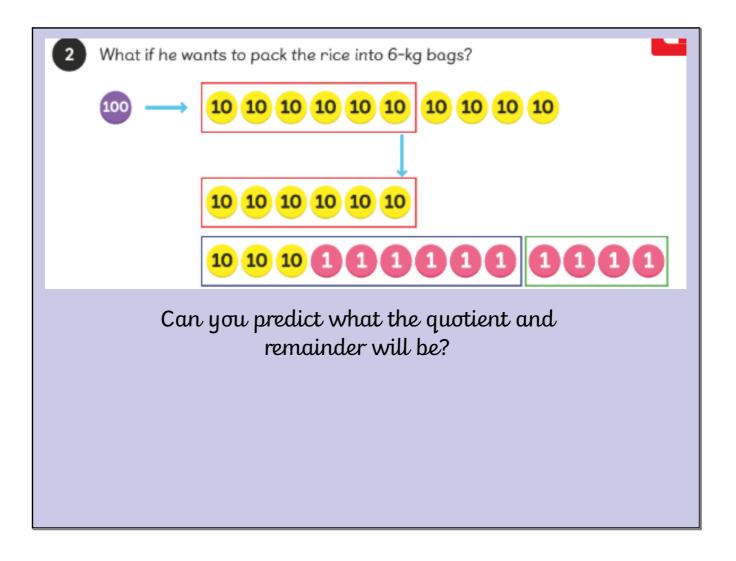
- 1. 9386 + 3952 = 13338
- 2. 3385 2958 = 427
- 3. 47 ÷ 7 = 6 r. 5
- 4. 90 x 3 = 270
- 5. 82 x 6 = 492

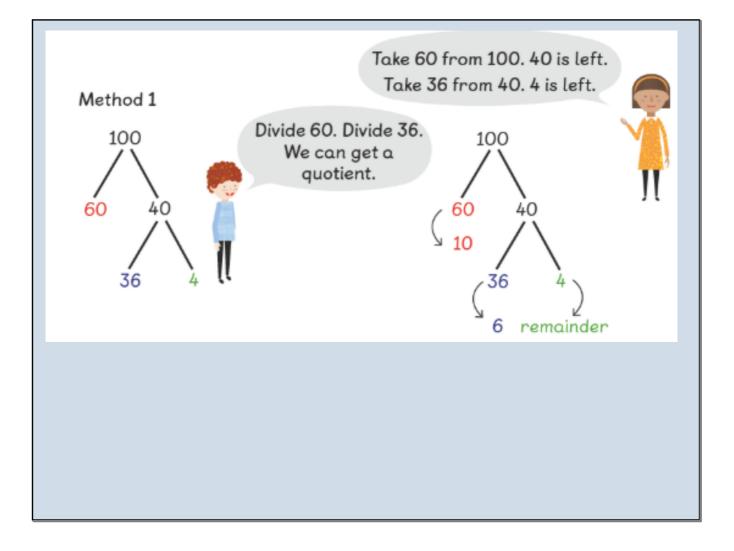


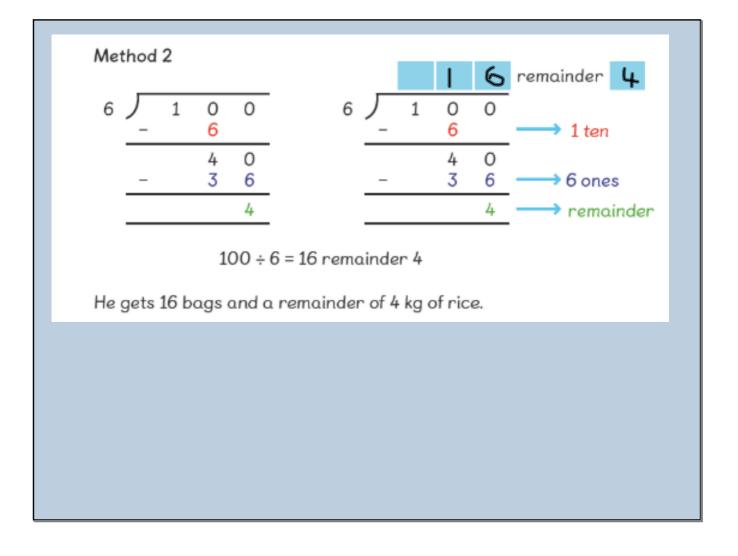








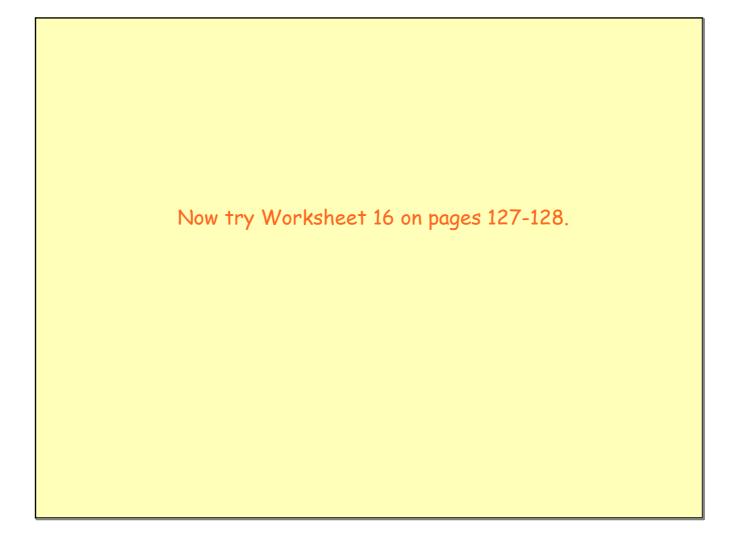




<u>More practice of long</u>	Divide	Multiply	Subtract	Bring Down]
<u>division:</u>	1	1	1	1	
	6)753	6)753	6)753	6)753	
853 ÷ 3 =	7 ÷ 6	<u>6</u>	- <u>6</u>	6	
	,	1×6	1	15	
	12	12	12	12	
	6)753	6)753	6)753	6)753	
	<u>6</u>	<u>6</u>	<u><u></u><u>6</u></u>	6	
	15	15	15	15	
	15÷6	<u>12</u>	- <u>12</u>	12	
		2×6	3	33	
	125	125	125		
	6)753	6)753	6)753		
	<u>6</u>	<u>6</u>	<u>6</u>		
	15	15	15		
	<u>12</u>	<u>12</u>	<u>12</u>		
	33	33	33		
	33÷6	<u>30</u>	- <u>30</u>		
		5×6	3		

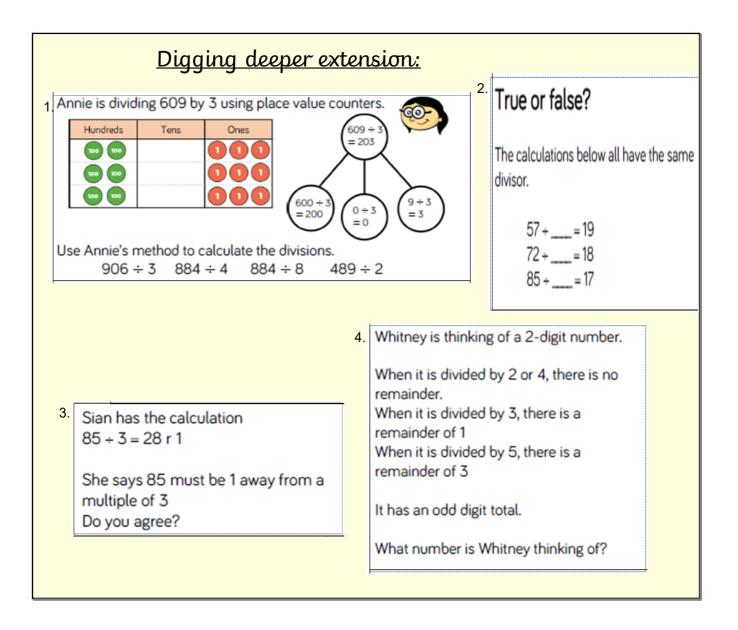
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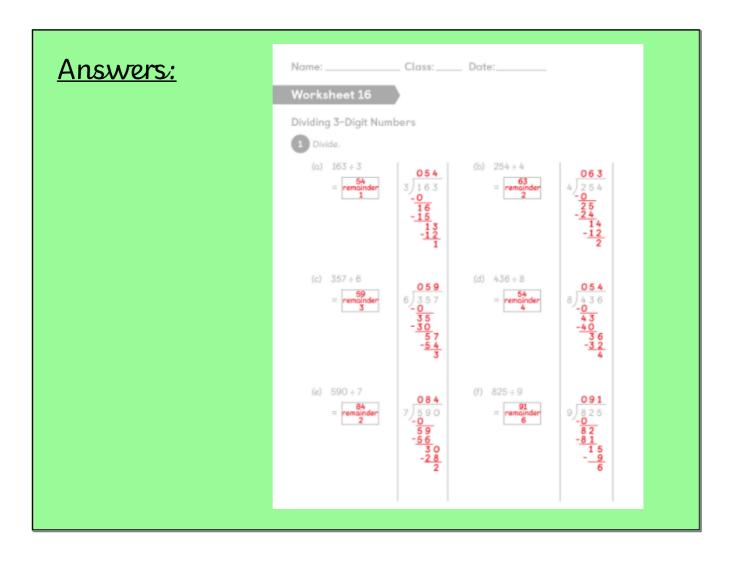
<u>More practice of long</u>	Divide	Multiply	Subtract	Bring Down	Ī
division:	1	1	1	1	
I	6)753	6)753	6)753	6)753	
853 ÷ 3 = 284 r	7÷6	<u>6</u>	- <u>6</u>	6	
284		1×6	1	15	
3853	12		12	12	
	6)753	6)753	6)753	6)753	
6	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	
25	15	15	15	15	
	15÷6	<u>12</u>	- <u>12</u>	12	
94		2×6	3	33	
	125	125	125		
13	6)753	6)753	6)753		
	<u>6</u>	<u>6</u>	<u>6</u>		
2	15	15	15		
	<u>12</u>	12	12		
	33	33	33		
	33÷6	<u>30</u>	- <u>30</u> 3		
		5×6	3		



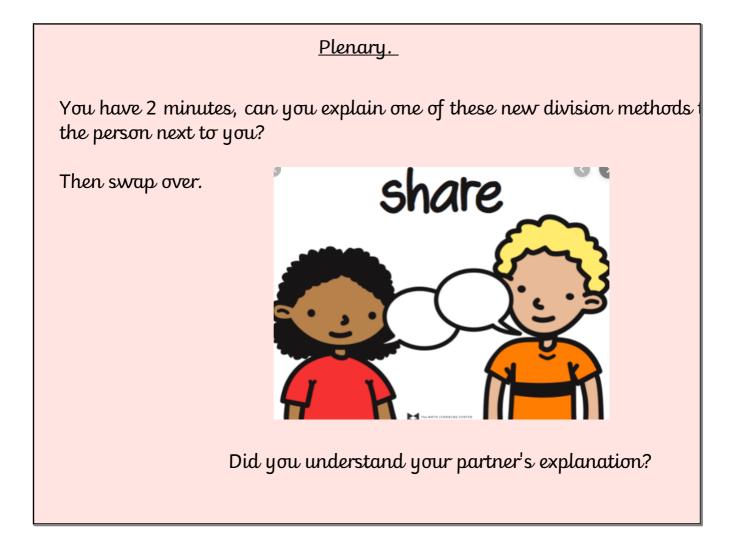
Name:	Class:	Date:	
Worksheet 16	•		
Dividing 3-Digit Numb	ers		
1 Divide.			
(a) 163÷3 =	3)163	(b) 254 ÷ 4 =	4)254
(c) 357 ÷ 6 =	6)357	(d) 436÷8 =	8)436
(e) 590÷7 =	7)590	(f) 825÷9 =	9/825
	Furth	er Multiplication and Division	Page 127

2 There are 500 pupils. They are asked to form groups of a fixed size. What is the largest number of groups they can form?	
(a) What if there are 6 pupils in each group? 500 \div 6 =	6)500
The largest number of groups they can form is	
(b) What if there are 7 pupils in each group? 500 \div 7 =	7)500
The largest number of groups they can form is	
(c) What if there are 8 pupils in each group? 500 \div 8 =	8)500
The largest number of groups they can form is	
(d) What if there are 9 pupils in each group? 500 ÷ 9 =	9)500
The largest number of groups they can form is	
Further Multiplication and Division Page 128	





<u>Answers:</u>	2 There are 500 pupils. They are asked to form groups of a fixed size. What is the largest number of groups they can form?
	(a) What if there are 6 pupils in each group? $500 \div 6 = \boxed{remainder} 2$ The largest number of groups they can form is 83 $-\frac{18}{2}$
	(b) What if there are 7 pupils in each group? $500 \div 7 = \boxed{\frac{71}{\text{remainder}}}$ The largest number of groups they can form is $\boxed{71}$. $\frac{71}{500}$. $-\frac{49}{500}$
	(c) What if there are 8 pupils in each group? $500 \div 8 = \boxed{remainder}$ The largest number of groups they can form is 62.
	(d) What if there are 9 pupils in each group? $500 \div 9 = \boxed{remainder}_{5}$ The largest number of groups they can form is 55.





Wed Reading wk 5.pdf Fri Reading wk 5.pdf Mon Reading wk 5.pdf Thurs Reading Postcard.pdf Thurs Reading wk 5.pdf Tues Reading Feelings graph .pdf Tues Reading wk 5.pdf