

L.O. Division Solve any division (including remainders), $2d \div 1d$ e.g. $72d \div 4d$	Square Hexagon Monday What I think	25/01/2021 What my teacher thinks
Remember to:		
Divide Place Value Grid into equal parts.	☐	☐
Share the tens counters (or draw circles).	☐	☐
If there are any tens left over, exchange them for ones.	☐	☐
Share the ones counters (or draw circles).	☐	☐
If there are any ones left over, these are the 'remainder'.	☐	☐
Do me first: Sides on two triangles multiplied by sides on a square =		

Watch Mr. Gamage's video and then have a go at these tasks...

Calculation	$97 \div 3 = \boxed{}$												
Place Value Counters	<table><tr><th>T</th><th>O</th><th>Remainders</th></tr><tr><td> 10 10 10 </td><td> 1 1 </td><td> 1 </td></tr><tr><td> 10 10 10 </td><td> 1 1 </td><td></td></tr><tr><td> 10 10 10 </td><td> 1 1 </td><td></td></tr></table>	T	O	Remainders	10 10 10	1 1	1	10 10 10	1 1		10 10 10	1 1	
T	O	Remainders											
10 10 10	1 1	1											
10 10 10	1 1												
10 10 10	1 1												

Calculation	58 ÷ 4 =		
Place Value Counters	T	O	Remainders

Calculation	÷ =						
Place Value Counters	<table><tr><th>T</th><th>O</th><th>Remainders</th></tr><tr><td> 10 10 10 10 10 10 10 </td><td> 1 1 1 1 1 1 1 1 1 1 </td><td> 1 1 1 1 </td></tr></table> 10 →	T	O	Remainders	10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1	1 1 1 1
T	O	Remainders					
10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1	1 1 1 1					

Please turn to the next page...

Draw place value counters to complete these calculations.

a) $59 \div 3 = \boxed{}$ c) $\boxed{} = 95 \div 7$

b) $67 \div 4 = \boxed{}$ d) $\boxed{} = 47 \div 4$

The florist is making 6 bouquets of flowers. She has 86 roses, 99 tulips and 78 daffodils to share equally between each bouquet. How many of each flower will be left over when she has finished?

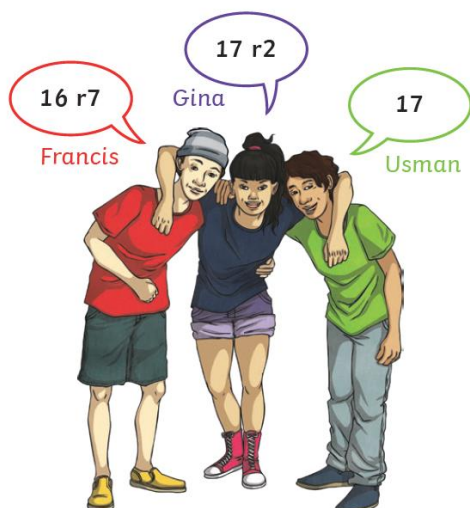


L.O. Division Solve any division (including remainders), $2d \div 1d$	Pentagon e.g. $72d \div 4d$	Monday What I think	25/01/2021 What my teacher thinks
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Do me first:			
Sides on three triangles multiplied by sides on two hexagons =			

Watch Mr. Gamage's video and then have a go at these tasks...

Francis, Usman and Gina have calculated the answer to this problem. Explain who is correct and what mistakes the other children have made.

What is eighty-seven shared equally between five?



- a) Copy the table then sort the numbers from 5 to 30 into the correct places to show what happens when they are divided by 4.

Numbers Divisible by 4	Has No Remainder	
	Has a Remainder of 1	
	Has a Remainder of 2	
	Has a Remainder of 3	

- b) What did you notice?

Read the statement below. Do you agree or disagree? Explain your reasoning.



If you are dividing by 3, the greatest remainder you can have is 2.

Which is the odd one out and why?

- a) $88 \div 4 = \square$
b) $51 \div 3 = \square$
c) $82 \div 6 = \square$
d) $\square \div 7 = 12$

L.O. Division Solve any division (including remainders), $2d \div 1d$	Triangle e.g. $72d \div 4d$	Monday What I think	25/01/2021 What my teacher thinks
Remember to:			
Divide Place Value Grid into equal parts.		☐	☐
Share the tens counters (or draw circles).		☐	☐
If there are any tens left over, exchange them for ones.		☐	☐
Share the ones counters (or draw circles).		☐	☐
If there are any ones left over, these are the 'remainder'.		☐	☐
Do me first:			
Sides on three hexagons multiplied by sides on two nonagons =			

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Read the statement below. Do you agree or disagree? Explain your reasoning.



If you are dividing by 3, the greatest remainder you can have is 2.

Which is the odd one out and why?

- a) $88 \div 4 = \square$
b) $51 \div 3 = \square$
c) $82 \div 6 = \square$
d) $\square \div 7 = 12$

- a) Copy the table then sort the numbers from 5 to 30 into the correct places to show what happens when they are divided by 4.

Numbers Divisible by 4	Has No Remainder	
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- b) What did you notice?

Charlie has also spotted something interesting. Test out his hypothesis. Explain what you found out.

I have noticed that when we divided by 4, the numbers in each set all had a difference of 4.
I think that if I repeated the activity with numbers divisible by 3 or 5, the same thing would happen.

