



1) Complete each calculation in the table.

Calculation	Place Value Counters	Part-Whole Model																														
$97 \div 3 =$ <input type="text"/>	<table border="1"> <thead> <tr> <th>T</th> <th>O</th> <th>Remainders</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	T	O	Remainders										$97 \div 3 =$ <input type="text"/> $90 \div 3 =$ <input type="text"/> $7 \div 3 =$ <input type="text"/>																		
T	O	Remainders																														
$58 \div 4 =$ <input type="text"/>	<table border="1"> <thead> <tr> <th>T</th> <th>O</th> <th>Remainders</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	T	O	Remainders				<input type="text"/> \div <input type="text"/> = <input type="text"/> <input type="text"/> \div <input type="text"/> = <input type="text"/> <input type="text"/> \div <input type="text"/> = <input type="text"/>																								
T	O	Remainders																														
<input type="text"/> \div <input type="text"/> = <input type="text"/>	<table border="1"> <thead> <tr> <th>T</th> <th>O</th> <th>Remainders</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	T	O	Remainders																												<input type="text"/> \div <input type="text"/> = <input type="text"/> $60 \div 6 =$ <input type="text"/> $16 \div 6 =$ <input type="text"/>
T	O	Remainders																														

2) Draw either place value counters or part-whole models to complete these calculations.

- a) $59 \div 3 =$ b) $67 \div 4 =$ c) = $95 \div 7$ d) = $47 \div 4$

3) 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?

Left over:   



1) 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.

2) Which is the odd one out and why?

a) $88 \div 4 =$

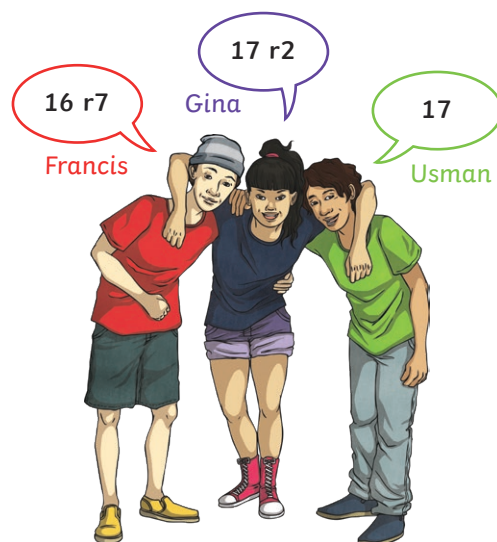
b) $51 \div 3 =$

c) $82 \div 6 =$

d) $\div 7 = 12$

3) 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?



- 1) a) Sort the numbers from 5 to 30 into the correct places on the table 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?

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.

