Fierte Multi-Academy Trust Calculation policy – division				
Key language: divided by, share, divisible by, share equally, group, divide into				
Concrete	Pictorial	Abstract		
Sharing using a range of objects 6 ÷ 2	Represent the sharing pictorially. Image: Constraint of the sharing pictorial of	$6 \div 2 = 3$ $6 \div 3 = 2$ $6 \div 3 = 2$ $6 \div 3 = 2$		

<mark>Grouping using an array.</mark>	
12 ÷ 2 = 6 "How many groups of 2 can I fit in 12?" Answer: 6	
Children will begin to find remainders by	
identifying what is left over. e.g. 24 divided by 6	
= 4 = 2 r5	



Use of lollipop sticks to form wholes- squares are made because we are dividing by 4. There are 3 whole squares, with 1 left over.		
Sharing using place value counters	Children to represent the place value counters	Children to be able to make
42 ÷ 3 = 14	Solo Is	counters and write calculations to show the
$\begin{array}{ c c c }\hline 10s & 1s & & & 10s & 1s \\\hline 0 & 1 & & & & & & \\\hline 0 & 10s & 1s & & & & & \\\hline \hline 0 & 10s & 1s & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline \hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & & \\\hline 0 & 0 & 0 & 0 & & \\\hline 0 & 0 & 0 & &$	Represent the place value counters pictorially.	42 ÷ 3 42 = 30 + 12 30 ÷ 3 = 10 12 ÷ 3 = 4 10 + 4 = 14



