



Skill: Solve 1-step problems using division (grouping) Year: 1/2 Children solve problems by grouping and counting the number of groups. \mathbf{O} Grouping encourages children to count in multiples and links to repeated subtraction There are 20 apples altogether. on a number line. They are put in bags of 5. They can use How many bags are there? concrete representations in fixed groups such as number shapes which helps to show the link between $20 \div 5 = 4$ multiplication and division.















	Skill:	Year: 6								
	12	0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							When children begin to divide up to 4- digits by 2-digits, written methods become the most accurate as concrete and pictorial representations become less effective. Children can write out multiples to support
						0	4	8	9	larger remainders.
7,3	35 -	solve problems with								
15	30	45	60	75	90	105	120	135	150	quotient can be rounded as
										appropriate.

Skill: Divide multi-digits by 2-digits (long division)														Year: 6	
1	2 -	043	3 3 7 7	6 2 2 2 0	(×30) (×6)	$12 \times 1 = 12$ $12 \times 2 = 24$ $12 \times 3 = 36$ $12 \times 4 = 48$ $12 \times 5 = 60$ $12 \times 6 = 72$ $12 \times 7 = 84$ $12 \times 8 = 96$ $12 \times 7 = 108$ $12 \times 10 = 120$			43	2	÷	12 =	= 36	Children can also divide by 2-digit numbers using long division. Children can write of multiples to support their calculations wite larger remainders.	
								0	4	8	9		1 × 15 = 15		
							15	7	3	3	5		$2 \times 15 = 30$		
					_		-	6	0	0	0	(×400	$3 \times 15 = 45$	remainders where t	
	7,3	3	5 -	÷ 1	5 =	489		1	3	3	5		$4 \times 15 = 60$	ouotient can be	
\subseteq							-	1	2	0	0	(×80)	$5 \times 15 = 75$	rounded as	
									1	3	5		$5 \times 15 = 75$	appropriate	
							-		1	3	5	(×9)	$10 \times 10 = 150$		

Skill: Divide multi dig	Year: 6									
$372 \div 15 = 24 r12$	1	5 3	3 3 72	2 7 6 1	4 2 0 2 2	r	1	2	$1 \times 15 = 15$ $2 \times 15 = 30$ $3 \times 15 = 45$ $4 \times 15 = 60$ $5 \times 15 = 75$ $10 \times 15 = 150$	When a remainder is left at the end of a calculation, children can either leave it as a remainder or convert it to a fraction. This will depend on the context of the question. Children can also answer questions where the quotient needs to be rounded according to the context.