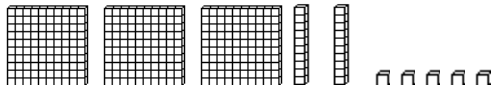
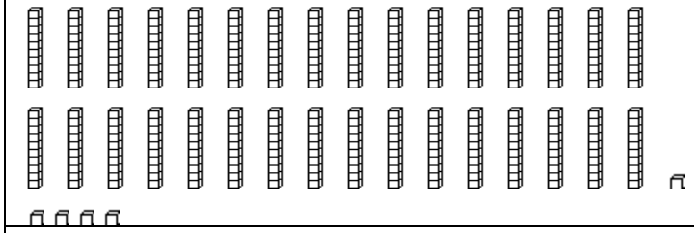
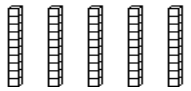
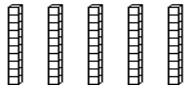
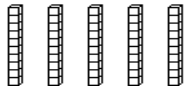
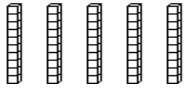
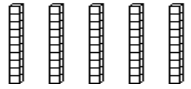
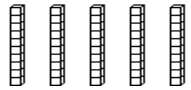
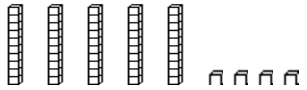
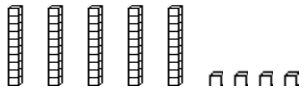
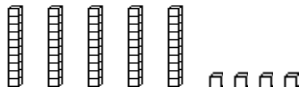
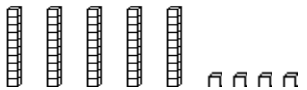
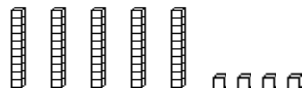
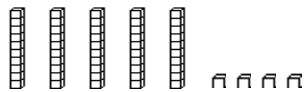
Dividing a 3-digit number by a 1-digit number

Modelling Short Division (Equal Sharing): Share 325 sweets equally among 6 children

Materials	Words	Symbols
	If I share 3 hundreds equally among 6 children each child gets no hundreds. (**or** I cannot share 3 hundreds, in their present form, equally among 6 children).	$6\overline{)325}$ *
	I will exchange the 3 hundreds for 30 tens. That gives me a total of 32 tens to share.	$6\overline{)3^{3}25}$
Alan  Brenda  Charlie  Donna  Enda  Fiona  	If I share the 32 tens equally among the 6 children, each child gets 5 tens. (That uses up 30 of my tens). There are 2 tens left over (that I cannot share equally in their present form).	$\begin{array}{r} 5 \\ 6\overline{)3^{3}25} \end{array}$

	I can exchange the 2 remaining tens for 20 units. That gives me a total of 25 units that I now have to share.	$6\overline{)325}$ = 5
Alan  Brenda  Charlie  Donna  Enda  Fiona  	If I share 25 units equally among the 6 children, each child gets 4 units each. (That uses up 24 of my units) and there is 1 unit left over.	$6\overline{)325}$ = 5 4
	I cannot share the 1 unit equally among the 6 children without using fractions so 1 is my remainder.	$6\overline{)325}$ = 5 4 r 1
	If I share 325 sweets equally among 6 children I know that each child gets 54 sweets and I have 1 sweet left over.	

*Note that the division frame that is used for short division can have the line above or below the number. This is just a convention.