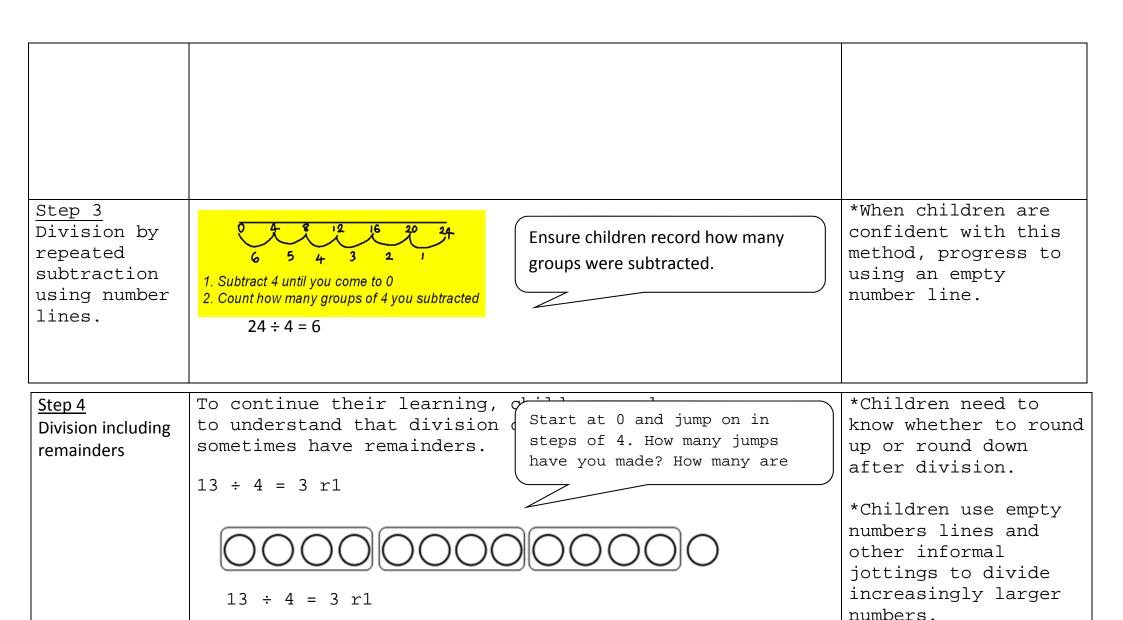
## Calculation Strategy: Division

Progression	Exemplification	Guidance
Step 1 Division by sharing.	Early division is delivered through play and practical problem solving activities.  Example: Share 4 buttons between 2 teddies. How many buttons does each teddy have?  Start by dividing into 2 equal groups to support understanding of halving. Begin with counting  Our teddies need buttons, we have 4 buttons. Let's share them so each teddy has the same number of buttons	*Children are taught to share objects into equal groups. *Children use jottings to support their understanding of division.
Step 2 Division as grouping (repeated subtraction) Introduce the division sign	There are 6 sweets, how many people can have 2 sweets each?  Children physically 'take away' lots of 2 and then count the groups / sets they have made.  Children have placed Numicon 3s over a 6 and counted how many groups of 3 there are $6 \div 3 = 2$ $12 \div 2 = 6$	*To become more efficient, children need to develop an understanding of division as grouping  * Children need to understand that the concept of division as repeated subtraction, it is the inverse of addition and is not commutative.



Step 5 Short division	• 84 ÷ 4 =  How many 4s are there in 8? 2. How many 4s are there in 4? $4 84$	*For short di start from th and work righ
	• 693 ÷ 3 = $ \begin{array}{c}                                     $	*Children used division to put dividing of the
Short division with carrying	• $302 \div 2 =$ How many 2s are there in 3? 1 with 1 remaining; carry over the remainder to the next column. How many 2s are there	How many tim 3 go into 4? remainder 1. many 3s are
Short division with remainders	• 845 ÷ 2 = How many 2s are there in 8? 4. How many 2s are there in 4? 2. How many 2s are there in 5? 2 with 1 lest over $2845$	0 9 1 4 3 3 6 7 Division with car

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carrying and remainders