

Helping your child with Maths:

DIVISION



Stage 3: Short Division (Bus Stop)

$$3 \overline{) 821} \begin{matrix} 27 \\ \end{matrix}$$

$$\begin{array}{r} 137 \text{ r } 5 \\ 7 \overline{) 964} \end{array}$$

Children use this method for dividing by single digit numbers. Children will need times table knowledge for this method. They will move on to solving calculations involving remainders.

Stage 4: Long Division (Chunking)

$3 \overline{) 184} \begin{matrix} 61 \\ \end{matrix}$	$3 \overline{) 552} \begin{matrix} 184 \\ 300 - 100 \times 3 \\ 252 \\ 240 - 80 \times 3 \\ 12 \\ 12 - 4 \times 3 \\ 0 \end{matrix}$
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Q. 537 div. by 6.
Example:

$$\begin{array}{r} 537 \\ 300 - 50 \times 6 \\ \hline 237 \\ 180 - 30 \times 6 \\ \hline 57 \\ 54 - 9 \times 6 \\ \hline 3 \end{array}$$

50+30+9 = 89
Ans: 89 rem 3

Children will move on to this method to solve division calculations involving division by 2-digit numbers. They will subtract 'chunks' from the number being divided until they reach 0 (or a remainder). Once they reach 0, they will count how many 'chunks' they have subtracted to get the final answer. Children should estimate their answer first, i.e. $134 \div 11$ can be rounded to $130 \div 10 = 13$ so their answer should be close to 13.