


| Chunking <br> Children may use a beadstring as an introduction to chunking if appropriate. | Childeren to use a blank numberline. $96 \div 6=$ |  |
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|  |  | Encrouage children to begin with a number cloud (a list of the first 5 multiples of the divisor) |

Long Division - model using place value counters to introduce the long division method.
$2544 \div 12$

| Th | H | T | O |
| :---: | :---: | :---: | :---: |
| $\Theta$ | 000 | 000 | 0000 |

We can't group 2 thousands into groups of 12 so we will exchange them.


We can group 24 hundreds into groups of 12 which leaves us with 1 hundred


After exchanging the hundred we have 14 tens. We can group 12 tens into a group of 12 , which leaves 2 tens.


After exchanging the 2 tens, we have 24 ones. We can group 24 ones into 2 groups of 12 , which leaves no remainder.
$1 2 \longdiv { 2 0 }$
$\begin{array}{r}24 \\ \hline 1\end{array}$
$1 2 \longdiv { 2 5 4 4 }$
24
14
$\begin{array}{r}12 \\ \hline 2\end{array}$
0212
$1 2 \longdiv { 2 5 4 4 }$

| 24 |
| :--- |
| 14 |

    \(\begin{array}{r}12 \\ \hline 24\end{array}\)
    24
    24

