## Division





| Skill: Divide 2-digits by 1-digit (sharing with exchange) |  |  |  |  |  | Year: 3/4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 52 |  |  |  | When dividing numbers involving an exchange, children can use Base 10 and place value counters to exchange one ten for ten ones. Children should start with the equipment outside the place value grid before sharing the tens and ones equally between the rows. <br> Flexible partitioning in a part-whole model supports this method. |
| Tens |  |  |  |  |  |  |
| пппmm | -0. |  |  |  |  |  |
| m.mmm | -0* | ? | ? | ? |  |  |
| $\square$ | -8. |  |  |  |  |  |
| ${ }^{\text {mmmm }}$ | - 0 |  |  |  |  |  |
|  |  | $52 \div 4=13$ | $\begin{array}{r} 000000 \\ 000000 \\ \hline \end{array}$ |  |  |  |
|  |  |  |  |  |  |  |
|  |  | Toms |  |  |  |  |
|  |  | (-) |  |  |  |  |
|  |  | (2) |  |  |  |  |
|  |  | $\bigcirc$ |  |  |  |  |




## Skill: Divide 3-digits by 1-digit (sharing)

## Year: 4

## $844 \div 4=211$



## $856 \div 4=214$



Children can continue to use place value counters to share 3 digit numbers into equal groups.
Children should start with the equipment outside the place value grid before sharing the hundreds, tens and ones equally between the rows.
This method can also help to highlight remainders.
Flexible partitioning in a part-whole model supports this method.






