



Year 5 Summer 2

Numbersense focus

To be able to multiply and divide by 10, 100 and 1000.

This half term your child will practise multiplying and dividing numbers by 10, 100 and 1000. This will help them to solve a range of other mathematical problems, including converting units of measure. Below are examples of the possible questions you could give your child in order to practise these facts.

You might begin multiplying the same whole number by 10, 100 and 1000.

$14 \times 10 =$

$14 \times 100 =$

$14 \times 1000 =$

Then multiplying and dividing a range of whole numbers by 10, 100 and 1000.

$120 \div 10 = 12$

$3400 \div 100 = 34$

$32,000 \div 1000 = 32000$

Finally, children should be multiply and divide whole and decimal numbers by 10, 100 and 1000 even when this results in a decimal answer.

e.g. $23 \div 10 = 2.3$

$124 \div 100 = 1.24$

| | $\times 10$ | $\times 100$ | $\times 1000$ |
|-------|-------------|--------------|---------------|
| 5.7 | | | |
| 23.02 | | | |
| 0.92 | | | |
| 0.306 | | | |
| 24.67 | | | |

Divide the numbers by 10, 100 and 1000 to complete the table.

| | $\div 10$ | $\div 100$ | $\div 1000$ |
|------|-----------|------------|-------------|
| 43 | | | |
| 219 | | | |
| 703 | | | |
| 64.8 | | | |
| 2560 | | | |

Here are some links to games and resources that will help you child to develop their skills in this area.

[Mahttps://mathsframe.co.uk/en/resources/category/411thsframe](https://mathsframe.co.uk/en/resources/category/411thsframe)

<https://www.topmarks.co.uk/Search.aspx?q=multiplying%20and%20dividing%20by%2010%20100%20>

