

Ashfield Valley Primary School— Year 4 – Maths Summer 1 Knowledge Organiser

Place Value

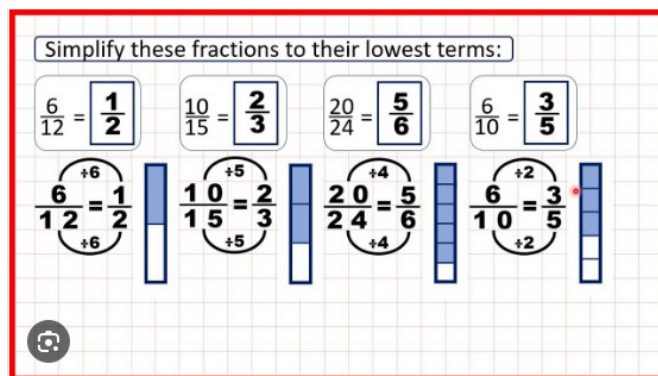


Children need to be able to multiply or divide by 10, 100 and 1000. They can do this using a place valuer chart and moving the numbers 1, 2 or 3 places to the left or right. The decimal point never moves. The picture above shows how to use place value to multiply by 100.

100 Hundreds	10 Tens	1 Units	•	$\frac{1}{10}$ Tenths	$\frac{1}{100}$ Hundredths
3	5	2	•	7	1

How would you work out 10×252.71 ?

Fractions and Decimals



Equivalent fractions.

When finding an equivalent fraction, you must make sure you do the same to the numerator and the denominator.

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$$

What is $\frac{1}{4}$ equal to?

What is $\frac{3}{10}$ equal to?

Multiplication and Division

Can you solve multiplication and division word problems? You need to know which vocabulary is linked to each operation.

Multiplication—times, product, multiplied by, groups of, lots of, altogether

E.g. if there are 20 packets of biscuits with 8 biscuits in each one, how many biscuits are there altogether?

Division—share, share equally, divide, equal groups of.

E.g. If I share 25 flowers equally between 5 vases, how many flowers will be in each vase?

Which times tables do you need to learn?
Remember to use TT Rocks Stars to practise your times tables!