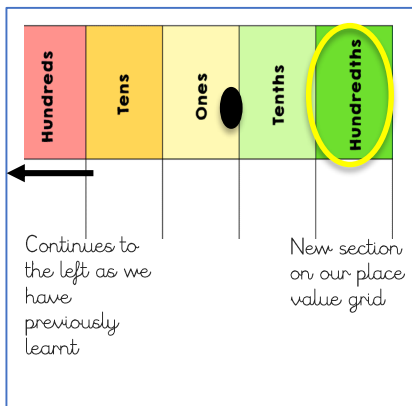


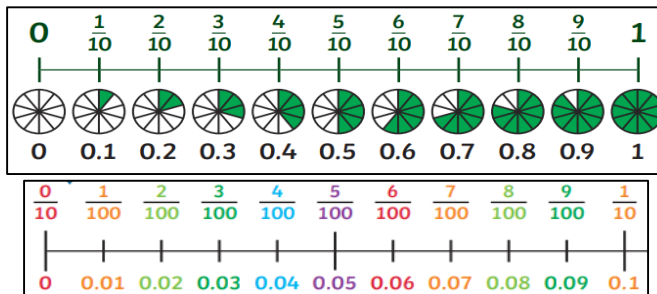


# Year 4 Maths - Summer Term 1 - Fractions

Previously learned vocabulary	
Fifths (y3)	Sixths (y3)
Sevenths (y3)	Eighths (y3)
Ninths (y3)	Tenths (y3)
Numerator (y3)	Denominator (y3)
Order (y3)	Unit fraction (y3)
Non - unit fraction (y3)	
New Vocabulary	
Hundredth(s)	Proportion

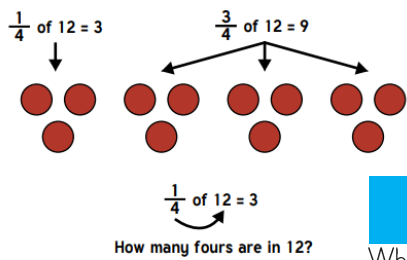


## Counting up and down in tenths and hundredths

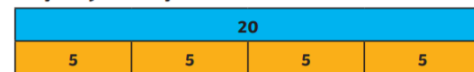


## Calculating quantities using fractions

To calculate quantities we divide the quantity by the denominator and then multiply by the numerator.



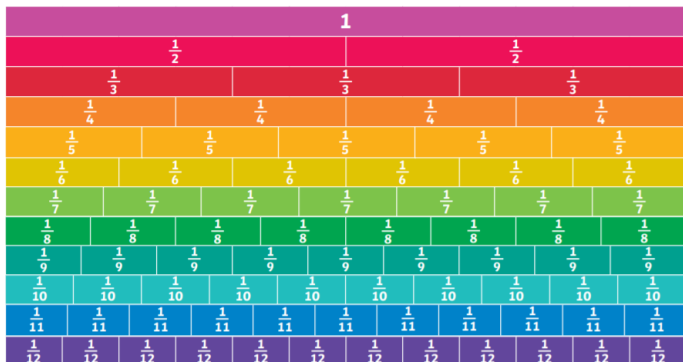
To find quarters of 20:



$\frac{1}{4}$  of 20 = 5     $\frac{2}{4}$  of 20 = 10     $\frac{3}{4}$  of 20 = 15     $\frac{4}{4}$  of 20 = 20

## Recognise and show using diagrams families of common equivalent fractions

We can use a fraction wall to help us find equivalent fractions.



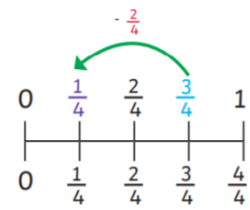
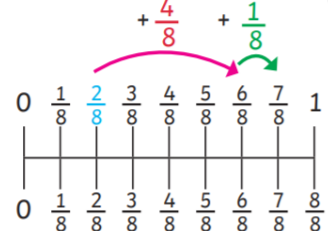
## Adding and subtraction fractions with the same denominator

When the denominators are the same, fractions (sometimes called **like fractions**) can be easily added or subtracted. The denominator stays the same and you just add or subtract the numerator

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

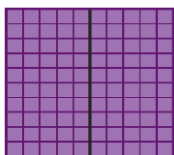


$$\frac{8}{6} - \frac{5}{6} = \frac{3}{6}$$



## Equivalent Fractions

To find equivalent fractions, we multiply or divide the numerator and denominator by the same number



$$\frac{1}{2} = \frac{5}{10} = \frac{50}{100}$$

## Fractions greater than 1



There is one whole and one out of four coloured in.

We can write this as  $\frac{5}{4}$

We could also write it as  $1\frac{1}{4}$

