



# YEAR 4 Maths – Fractions & Decimals Knowledge Organiser

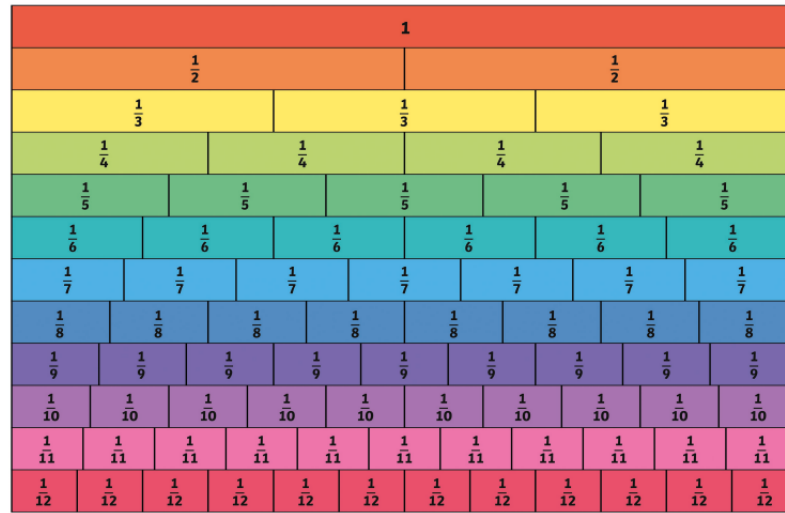


## When Two Fractions Have the Same Denominator

If the two fractions in the calculation have the same denominator, the denominator will stay the same.

Then all you need to do is simply add or subtract the numerators to find the sum of the fractions.

$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5} \qquad \frac{4}{8} - \frac{2}{8} = \frac{2}{8}$$



A decimal number is read in two parts – the whole number and then the part number (the decimal).

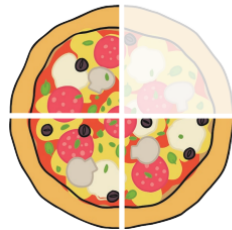
When we read the number

**78.45**

“Seventy eight point four five.”

out loud, we would say:

## Numerator and Denominator



**Numerator**  
How many equal parts do you have?  
**3**

**Denominator**  
How many equal parts is the whole divided into?  
**4**

## A Tenth

If a whole is split into ten equal parts, each part is called a tenth.

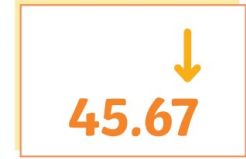
A tenth is the first number to the right of the decimal point.



## A Hundredth

If a whole is split into one hundred equal parts, each part is called a hundredth.

A hundredth is the second number to the right of the decimal point.



## A Thousandth

If a whole is split into one thousand equal parts, each part is called a thousandth.

A thousandth is the third number to the right of the decimal point.

