



# Knowledge Organiser

## Number



### Year 2

### Fractions

Fractions are used a lot in everyday situations. Fractions are equal parts of a whole object, shape or number. Knowing our times tables can help with our understanding of fractions.

#### Builds from Year 1:

Make equal parts.

Recognise and name  $\frac{1}{2}$  and  $\frac{1}{4}$

Find  $\frac{1}{2}$  and  $\frac{1}{4}$  of shapes and quantities.

#### This year:

Recognise, find and write simple fractions.

Recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$

#### Leads to Year 3:

Find unit and non-unit fractions.

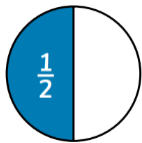
Add and subtract fractions.

Compare and order fractions.

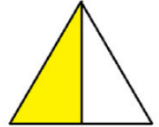
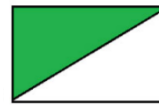
**Fractions are equal parts of a number, whole object or group of objects.**

### Half

A whole split into **two** equal parts.

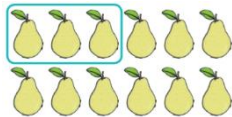
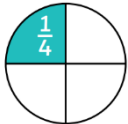


$\frac{1}{2}$  of  
 $8 = 4$

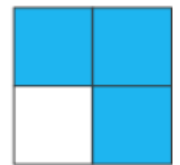


### Quarters

A whole split into **four** equal parts.

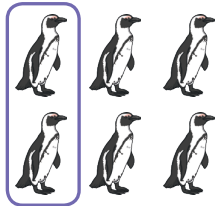
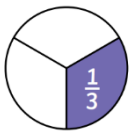


$\frac{1}{4}$  of  
 $12 = 3$



### Thirds

A whole split into **three** equal parts.

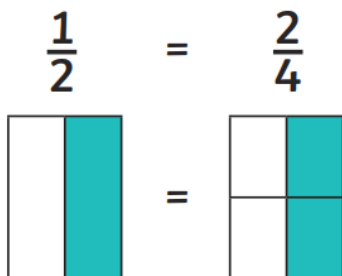


$\frac{1}{3}$  of  
 $6 = 2$

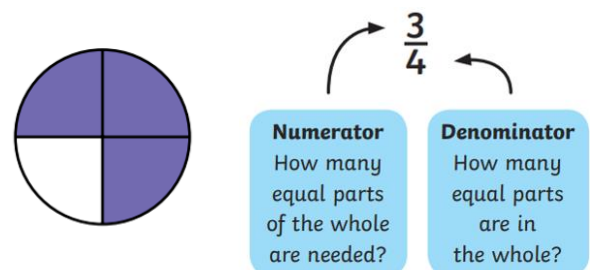
$\frac{2}{3}$



### Equivalent Fractions



### Numerator & Denominator



### Key Vocabulary

fraction part whole equal share half quarter third equivalent numerator denominator