Knowledge Organiser - Maths

Key Vocabulary

numerator	the number above the line in a fraction.		
denominator	the number below the line in a fraction.		
equivalent	equal in value or amount.		
clock	clock is a device used to tell time. Moving hands on the face of a clock point to the current hour, minute, and second A clock can also be small enough to fit on a person's wrist, where it is called a watch.		
analogue	an analogue clock is a circular-faced clock with the numbers one to twelve around the outside and two hands, a shorter one to measure hours and a longer one to measure minutes.		
digital	a digital clock is a clock which simply shows numbers to show the time. It is usually battery or electricity powered.		

Key Facts - Time

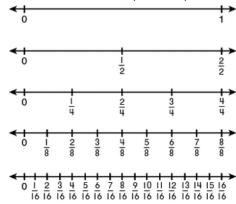


The fraction one-tenth is the whole divided into ten equal parts. 1 ÷ 10 = 0.1 so one-tenth is equivalent to 0.1 when written as a **decimal**.

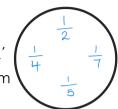
Fractions and Decimals: Tenths						
·	Model	Fraction	Decimal	Word Form		
		$\frac{1}{10}$	0.1	one tenth		
		<u>2</u> 10	0.2	two tenths		
		$\frac{3}{10}$	0.3	three tenths		
		4	0.4	four tenths		
		<u>5</u> 10	0.5	five tenths		
		<u>6</u> 10	0.6	six tenths		
		$\frac{7}{10}$	0.7	Seven tenths		
		8 10	0.8	eight tenths		
I		9 10	0.9	nine tenths		
		270	2.2	two <u>and</u> two tenths		
	1					

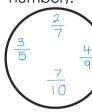
A number line is a great way of seeing the order that fractions go in and allows us to compare fractions.

It works in the exact same way as a normal number line, but the numerators are the numbers that increase or decrease, while the denominators stay exactly the same.



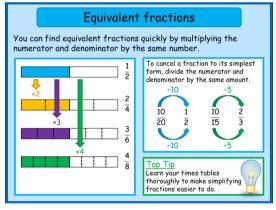
A unit fraction is any fraction with 1 as its numerator (top number), and a whole number for the denominator (bottom number).





Key Facts - Fractions

A non-unit fraction is a fraction where the numerator (the number on the top half of the fraction) is greater than 1.



Equivalent fractions

Two fractions are equivalent if they represent the same proportion of a whole, or the same sized portion of the original.

