## **Fractions**

A fraction is a part of something. Part of an object, shape, group, number or an amount.

denominator	The bottom number of a fraction. It tells you how many equal parts the shape has been divided into.	3/5 (5 is the denominator in this fraction)
numerator	The top number of a fraction. It tells you how many parts you have.	3/5 (3 is the numerator in this fraction)
equivalent	Equivalent fractions are the same size or amount.	$\frac{3}{5}$ is the same amount as $\frac{6}{10}$
mixed	A mixed fraction has a whole number and a fractional part.	2 <sup>3</sup> / <sub>5</sub> is a mixed number
improper	An improper fraction is 'top heavy'. The numerator is greater than the denominator. It is greater than 1.	$^8/_5$ is an improper fraction. It is the same amount as $1^3/_5$

Fraction board							
1 whole							
1/2				1/2			
1/4		1/4		1/4		1/4	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8

Fraction board						
1 whole						
1/3		1)	/3	1∕3		
1/6	1/6	1/6	1/6	1/6	1/6	

Equivalent Fractions: (are the same amount)								
1 whole								
1/2						1/2		
	1/4		1/4			2/4		
1/6		1,	6		1/6	<sup>3</sup> / <sub>6</sub>		
1/8		1/8	1/8		1/8	4/8		
1/10	1/10	1/	10	1/10	1/10	<sup>5</sup> / <sub>10</sub>		

Fractions, decimals, percentages					
1 whole = 1.0 = 100%					
<sup>3</sup> / <sub>4</sub> = 0.75 = 75%					
$\frac{1}{2} = 0.5$	5 = 50%	½ = 0.5 = 50%			
½ = 0.25 = 25%	3⁄4 = 0.75 = 75%				