

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.	$\frac{3}{5}$ (5 is the denominator in this fraction)
numerator	The top number of a fraction. It tells you how many parts you have.	$\frac{3}{5}$ (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.	$2\frac{3}{5}$ is a mixed number
improper	An improper fraction is 'top heavy'. The numerator is greater than the denominator. It is greater than 1.	$\frac{8}{5}$ is an improper fraction. It is the same amount as $1\frac{3}{5}$

Fraction board							
1 whole							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Fraction board					
1 whole					
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

Equivalent Fractions: (are the same amount)									
1 whole									
$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{4}$			$\frac{1}{4}$		$\frac{2}{4}$				
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{3}{6}$			
$\frac{1}{8}$	$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{4}{8}$		
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{5}{10}$				

Fractions, decimals, percentages	
1 whole = 1.0 = 100%	
$\frac{3}{4} = 0.75 = 75\%$	$\frac{1}{4} = 0.25 = 25\%$
$\frac{1}{2} = 0.5 = 50\%$	$\frac{1}{2} = 0.5 = 50\%$
$\frac{1}{4} = 0.25 = 25\%$	$\frac{3}{4} = 0.75 = 75\%$