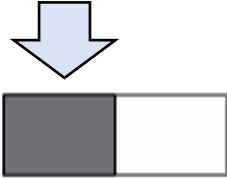


Fractions compare part to whole

numerator
denominator

Types of Fraction			
Unit fraction	Proper fraction	Improper fraction	Mixed number
$\frac{1}{\quad}$	$\frac{\quad}{\quad}$	$\frac{\quad}{\quad}$	$\frac{\quad}{\quad}$
Numerator is always 1	Numerator is <u>less than</u> denominator	Numerator is <u>greater than</u> denominator	Whole number combined with a fraction



1 whole divided into 2 equal parts

$\frac{1}{2}$	$1 \div 2$	1:1
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1 whole divided into 3 equal parts

$\frac{1}{3}$	$1 \div 3$	1:2
---------------	------------	-----



1 whole divided into 4 equal parts

$\frac{1}{4}$	$1 \div 4$	1:3
---------------	------------	-----



1 whole divided into 5 equal parts

$\frac{1}{5}$	$1 \div 5$	1:4
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1 whole divided into 10 equal parts

$\frac{1}{10}$	$1 \div 10$	1:10
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equivalent	numerator <u>and</u> denominator are <u>multiplied</u> by the same whole number
simplest form or lowest terms	numerator <u>and</u> denominator are <u>divided</u> by the same whole number: the HCF

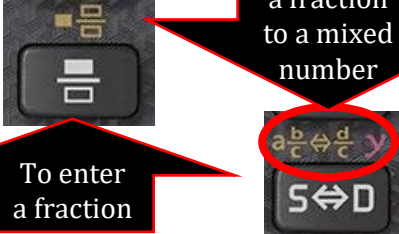
Factor	Divisibility Rule
1	Every integer is divisible by 1
2	Last digit is even
3	Sum of the digits is divisible by 3
4	Last two digits form a number that is divisible by 4
5	Last digit is a 5 or a 0
6	Number is divisible by both 2 and 3
9	Sum of the digits is divisible by 9
10	Number ends in a 0

$\frac{a}{b}$ is the **reciprocal** of $\frac{b}{a}$

To enter a mixed number

To convert a fraction to a mixed number

To enter a fraction



Metric Measures
Length
1km = 1000m
1m = 100cm
1cm = 10mm