Expression
Numbers and symbols that represent a mathematical relationship

$$4 + 5$$

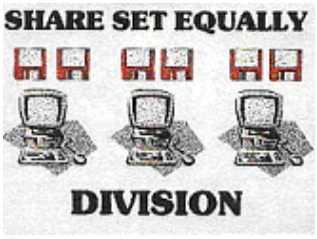
An example of an expression is (4 + 5).

Equation
A statement that two mathematical expressions are equal

$$4 + 5 = 9$$

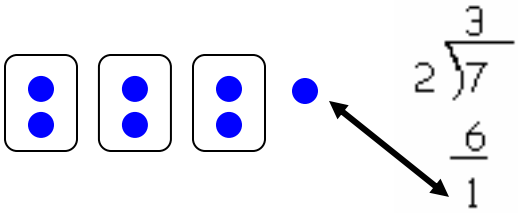
An example of an equation is 90 ÷ 9 = 10.

Division
The operation of separating into equal groups.



When I divided a group of 6 cookies among 2 friends, each had a smaller group of cookies.

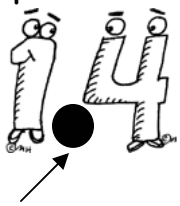
Remainder
The amount left over after dividing into equal groups



One of the remainder when 7 is divided into 2 equal groups.

Decimal Number

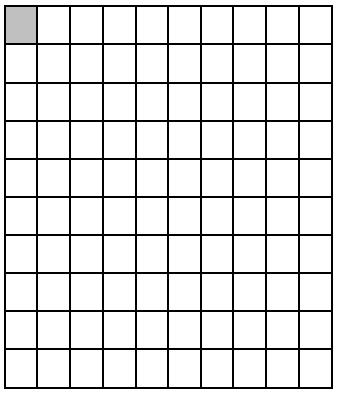
A number which contains a decimal point that separates the whole number and the fractional part



The decimal number is read "one AND four-tenths."

Hundredth

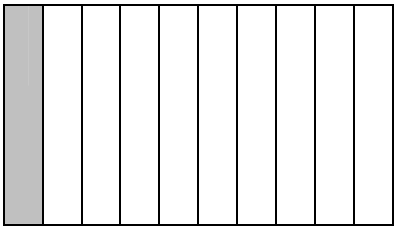
One out of 100 equal parts



The decimal 0.01 has a 1 on the hundredths place.

Tenth

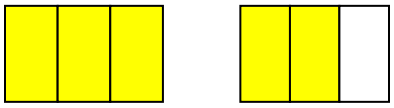
One out of 10 equal parts



One-tenth can be written as a decimal or fraction.

Improper fraction

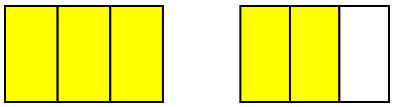
A fraction with a numerator greater than or equal to its denominator



$$\frac{5}{3}$$

An improper fraction is equal or greater than 1.

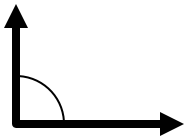
Mixed Number
A number with a whole number and a fraction



$1\frac{2}{3}$

One and two-thirds is a mixed number.

Right angle
An angle formed by two perpendicular lines

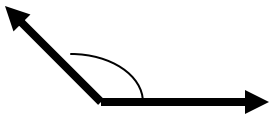


Right angles can be measured with the corner of computer paper.

Acute angle
An angle smaller than right angle

The letter "V" forms an acute angle, because it is smaller than a right angle.

Obtuse angle
An angle greater than a right angle

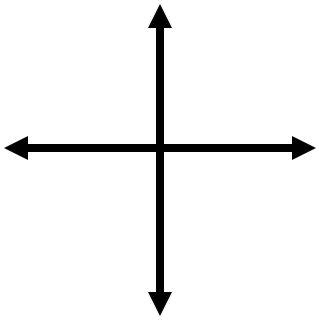


The letter "Y" forms two obtuse angles that are larger than right angles and one acute angle.

Parallel
Lines or segments that are always the same distance apart and will never intersect

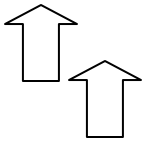
The letter "H" has parallel segments.

Perpendicular
Segments or lines that intersect at right angles



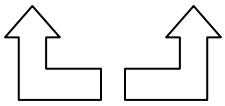
The letter "T" forms perpendicular segments.

Translation
A transformation that slides a shape to a different position without rotating or flipping it



A translation slides an object.

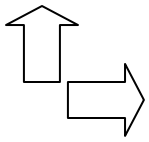
Reflection
A transformation that flips a shape so it is a mirror image of the original shape



A reflection flips an object.

Rotation

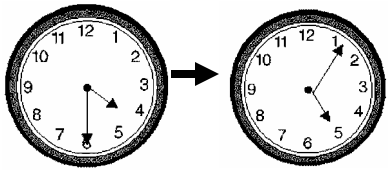
A transformation that turns a shape around a central point



A rotation turns an object around a center point.

Elapsed time

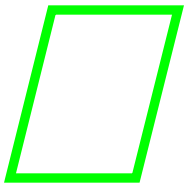
The amount of time that passes between two given times



To find elapsed time, I use time-on-a-line as a strategy.

Parallelogram

A four-sided polygon with 2 pairs of parallel and congruent sides

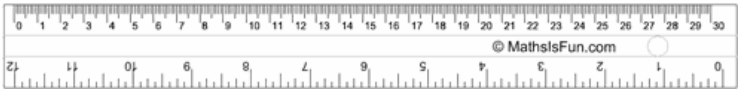


A parallelogram looks like a slanted rectangle.

Conversion

The renaming of one unit of measurement to another equivalent unit of measure

1 foot



12 inches

Use a table to make a conversion from feet to inches.