



Movement at a fixed (constant) distance per unit of time.

$$9 \times 3 = 20 + 7$$

A statement that two mathematical expressions are equal.

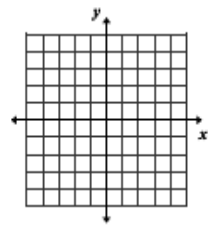
(-5, 2)
(x , y)

A pair of numbers that gives the coordinates of a point on a grid in this order (horizontal coordinate, vertical coordinate). Also known as an ordered pair.

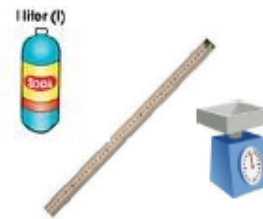
$$\frac{6}{12} = \frac{2}{4}$$

If two ratios have the same value when simplified, then they are called equivalent ratios.

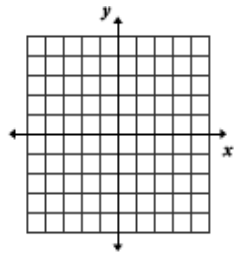
Both ratios simplify to $\frac{1}{2}$.



A 2-dimensional system in which the coordinates of a point are its distances from two intersecting, usually perpendicular, straight lines called axes. (Also called coordinate grid or coordinate system.)



A system of measurement based on tens. The basic unit of capacity is the liter. The basic unit of length is the meter. The basic unit of mass is the gram.



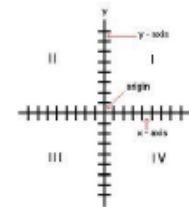
Also known as a coordinate grid. A 2-dimensional system in which the coordinates of a point are its distances from two intersecting, usually perpendicular, straight lines called axes.

(-5, 2)
(x , y)

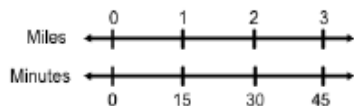
A pair of numbers that gives the coordinates of a point on a grid in this order (horizontal coordinate, vertical coordinate). Also known as a coordinate pair.



A system of measurement used in the U.S. The system includes units for measuring length, capacity, and weight.



The intersection of the x- and y-axes in a coordinate plane, described by the ordered pair (0, 0).



A graphic diagram that shows a proportional relationship between two quantities.



80% of the pentagon is shaded.

A special ratio that compares a number to 100 using the symbol %.



equation

**constant
speed**

**equivalent
ratio**

**coordinate
pair**

**metric
system**

**coordinate
plane**

ordered pair

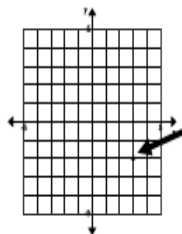
**coordinate
system**

origin

**customary
system**

percent

**double number
line diagram**



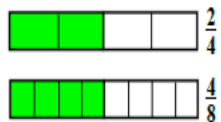
The point is plotted at (3, -2).

To place points on a graph or coordinate plane.



Student	Number of Books Read in the Summer
Sara	3
Jose	8
Timothy	2
Belinda	3
Gretchen	11
Trevor	7

An organized way to list data. Tables usually have rows and columns of data.



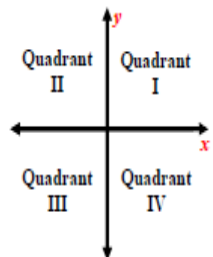
$$\frac{2}{4} = \frac{4}{8}$$

An equation showing that two ratios are equivalent.

156 vehicles drove by the school. There were 3 times as many passenger cars as trucks. How many vehicles were trucks?



A drawing that looks like a segment of tape, used to illustrate number relationships. Also known as a strip diagram, bar model, fraction strip, or length model.



The four sections of a coordinate grid that are separated by the axes.

Cereal is \$0.43 per 1 ounce.



A rate with a denominator of 1.



3 candies for 5 cents.

An amount.

$$5x - 2 = 23$$

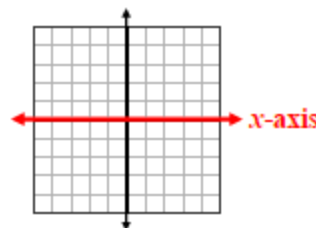
The value of x is 5.

The amount something is worth.



The car was traveling 65 miles per hour on the freeway.

A ratio comparing two different units.

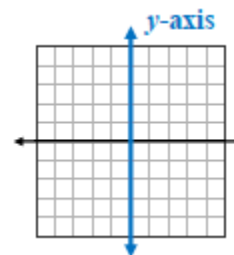


In a Cartesian grid, the horizontal axis.



The ratio of chocolate bars to boys is 3:2.

A comparison of two numbers using division.



In a Cartesian grid, the vertical axis.

table

plot

**tape
diagram**

proportion

unit rate

quadrants

value

quantity

***x*-axis**

rate

***y*-axis**

ratio