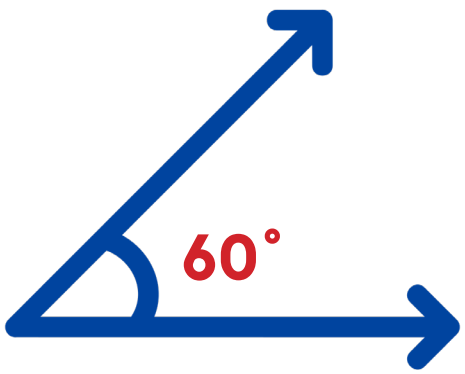


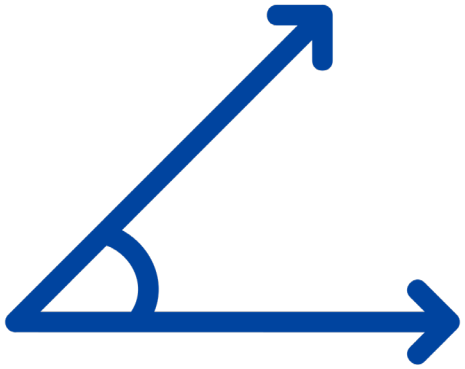
acute angle

An angle that measures less than 90°.

2 + 6 = 8

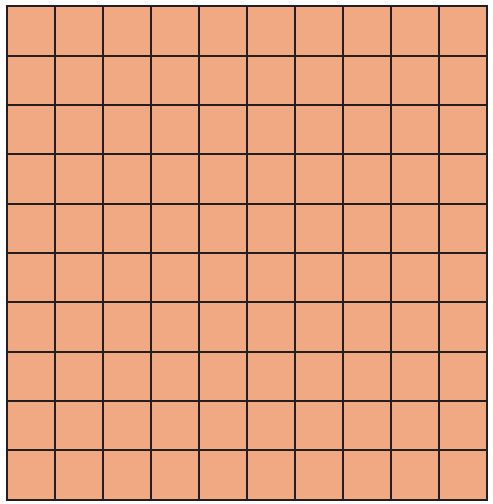
additive relationship

Two quantities can be expressed as related to each other through addition.



angle

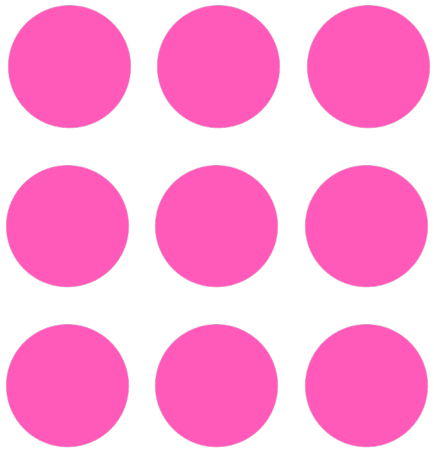
A figure formed when two rays or line segments meet at a common endpoint.



area = 100 units^2

area

The number of square units that covers a closed figure.



array

A set of objects, pictures, or numbers arranged in columns and rows.

balance the budget

A budget in which the total amount of money spent, saved, and shared equals the total income.

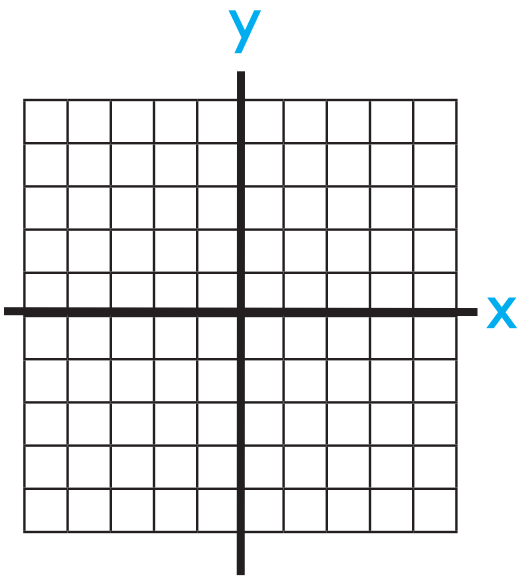
1 cm = 100 mm

centimeter

A metric unit used to measure length or distance; 100 centimeters = 1 meter (about the length of a staple or a penny).

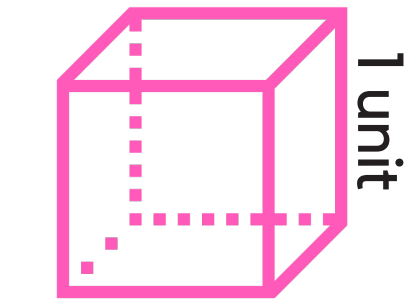
comparison

To determine the difference between amounts.



coordinate

A two-dimensional plane formed at the intersection of the x-axis and y-axis.



volume = 1 unit^3

cubic units

The volume of a cube that measures 1 unit on each edge.

1 cup = 8 fl. oz.

cups (c)

A customary unit used to measure capacity;

1 cup = 8 fluid ounces.

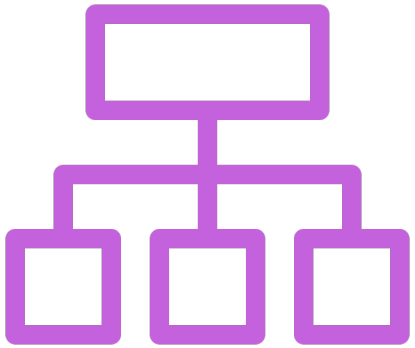
data

Information that is collected by counting, measuring, asking questions, or observing that is usually organized for analysis.

32°

degrees

Unit of measure for angles.



diagram

A pictorial representation of a quantity or relationship.

$9 - 4 = 5$

5 is the difference

difference

The result of subtracting.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9

digit

A single numeral used to show place value.

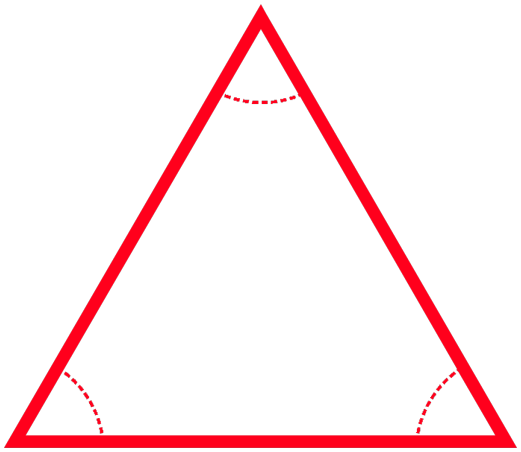
earn

To receive money as payment for work that you do.

4 x 5 = 20

equation

A statement with an equal sign in which the expressions on each side of the equal sign are the same.



equilateral triangle

A triangle with three congruent sides.

$\frac{2}{4}$ is equivalent to $\frac{1}{2}$

equivalent

Two numbers that have the same value.

798.12

800

estimate

To give an approximate value rather than an exact answer.

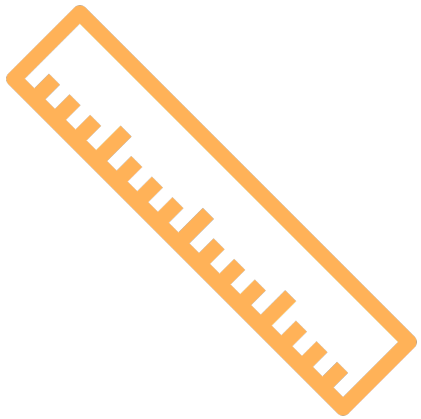
exactly

Indicating exactness or preciseness.

3 + 8

expression

A combination of variables, numbers, and/or operations that represents a mathematical relationship; does not have an equal sign.



foot (ft)

A customary unit used to measure length or distance; 1 foot = 12 inches.

$= \frac{1}{4}$

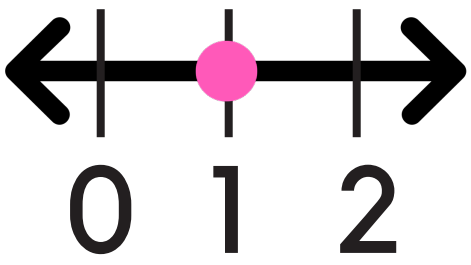
fraction

Part of a length, area, or set (the parts must be equal in size).

red	𝍸 ||
orange	𝍸
yellow	||||
green	||
blue	

frequency table

A table used to show the number of times each response occurs in a set of data.



graph

The process of placing a point on a number line or on a coordinate plane at its proper location.

greater/more

When the number, quantity, or value is larger than another.

greater than/more than

When the value in one expression is larger than another expression.

greatest

The number or group with the largest value.

horizontal line

A straight line that goes from left to right or right to left.

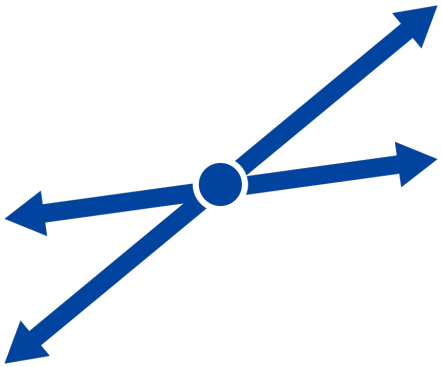
$\frac{1}{100}$

hundredths

The digit representing one-hundredth.

inch (in)

A customary unit used to measure length or distance; 12 inches = 1 foot (about the length of a quarter or paperclip).



intersect

To share a common point.

least

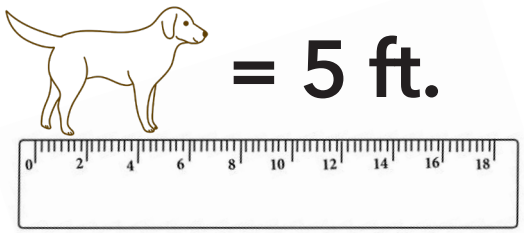
The number or group with the smallest value.

length

The measure of one side of an object, typically the longer side.

less than

When the value in one expression is less than another expression.



measure

A method of determining the size of an object.

1 mile = 5,280 feet

miles (mi)

A customary unit used to measure length; 1 mile = 5,280 feet.

1,000,000

millions

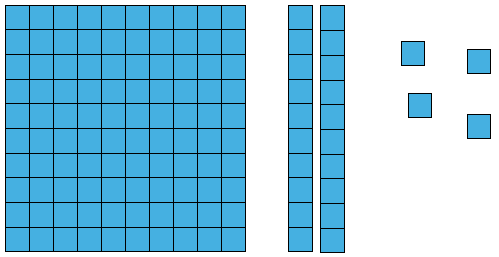
1,000 thousands; written as 1,000,000.

$5\frac{1}{12}$

mixed number

A whole number and a fraction combined.

124



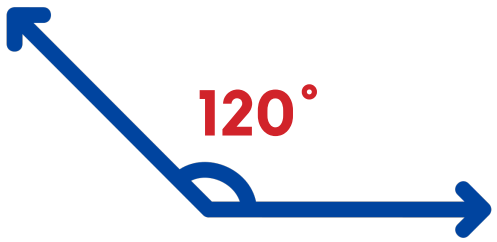
model

A way to represent numbers with the help of pictures or manipulatives.

7 x 2 = 14

multiplicative relationship

Two quantities can be expressed as related to each other through multiplication.



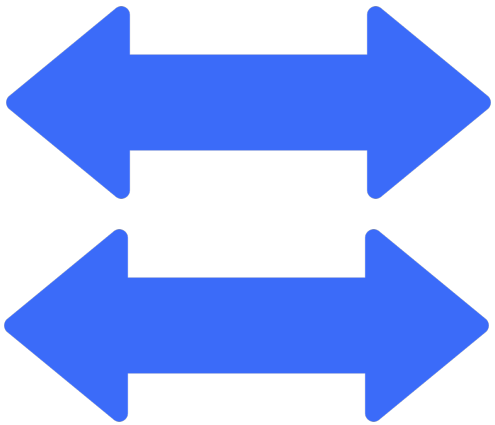
obtuse angle

An angle that measures between 90° and 180°.

(4, 3)

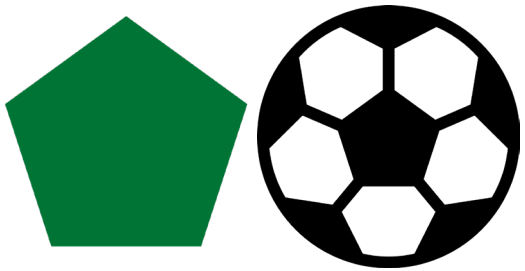
ordered pair

A pair of numbers used to locate a point on a coordinate plane.



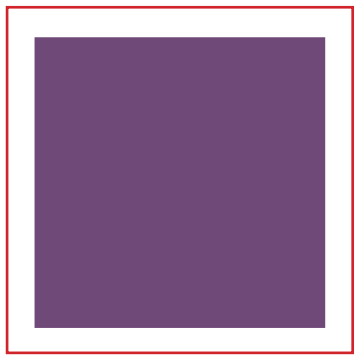
parallel

Lines (or planes, surfaces, or objects) that never intersect.



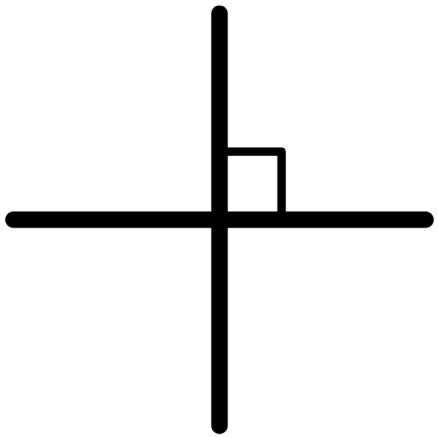
pentagon

A polygon with 5 sides.



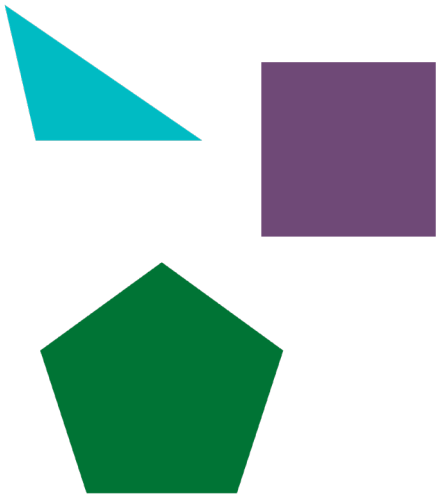
perimeter

The measure of the distance around a region or figure.



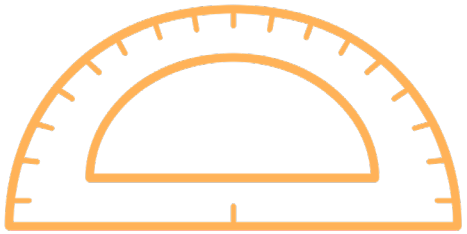
perpendicular

Lines (or planes, surfaces, or objects) that intersect at a right angle.



polygon

A closed figure made up of straight line segments.

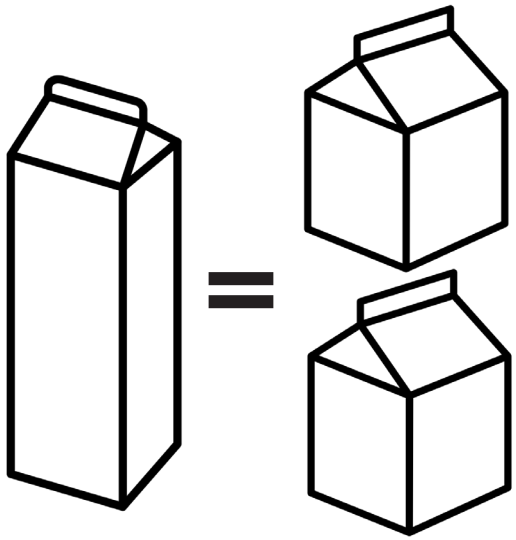


protractor

A tool used to measure and draw angles.

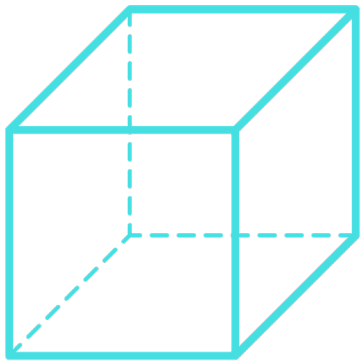
quadrilateral

A polygon with four sides and four angles.



quart (qt)

A customary unit used to measure capacity; 1 quart = 2 pints.



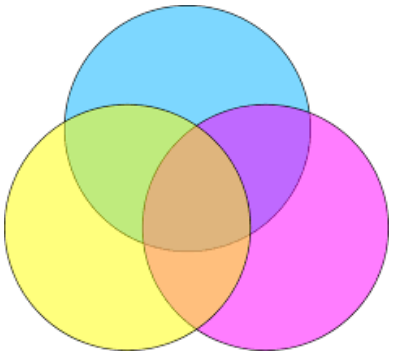
rectangular prism

A three-dimensional figure with six rectangular faces.

x → y

relationship

An association or connection between two or more things.



represent

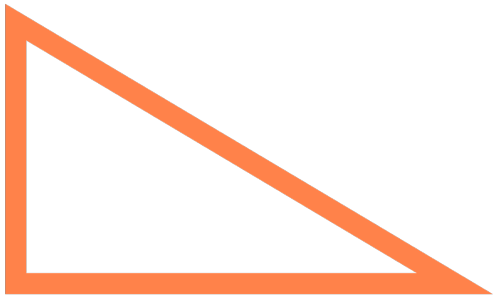
A three-dimensional figure with six rectangular faces.

3.98

4

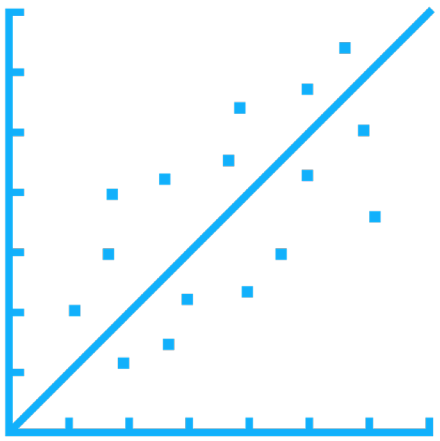
rounding

A process that tells which place value a number is closest to.



scalene triangle

A triangle with no congruent sides.



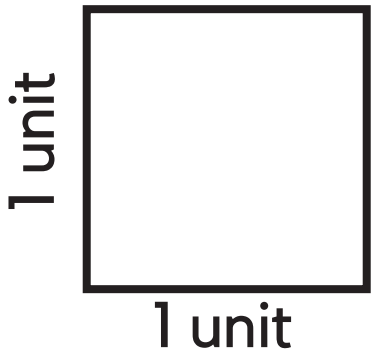
scatterplot

A graph that shows a relationship between two sets of data.

$$\frac{6}{12} = \frac{1}{2}$$

simplify

To write a fraction or expression in simplest form.



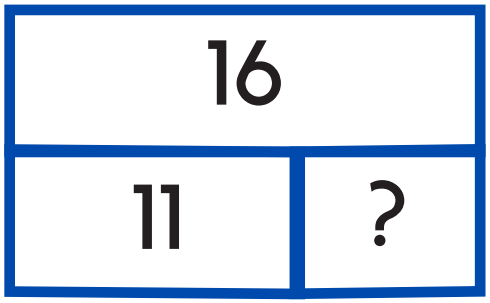
square inches

A unit of area equal to a square one inch long on each side.

Stem	Leaf
4	5, 2, 2, 1
3	7, 4, 3
2	9, 8, 8, 7
1	6, 4, 1

stem and leaf plot

A graph that shows groups of data arranged by place value.



strip diagram

A tool used to to help understand and solve word problems; also known as a bar diagram or tape diagram.

$3 + 5 + 2 = 10$

10 is the

sum

sum

The result of adding.

1,000

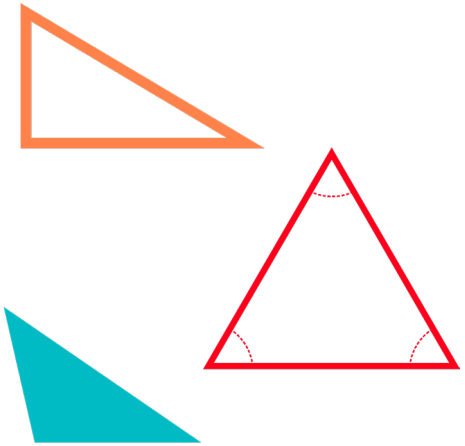
thousands

The digit representing 1,000.

5 + 7 = 12

total

The result or sum of adding numbers.



triangle

A polygon with three sides and three angles.

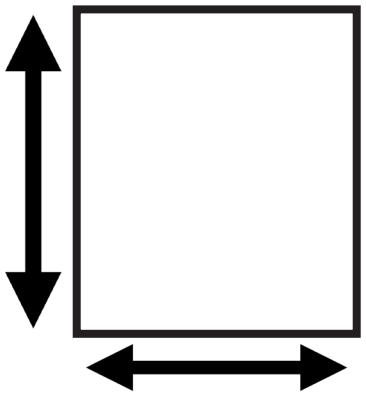
5 = 2 + 3

true

A statement that is correct.

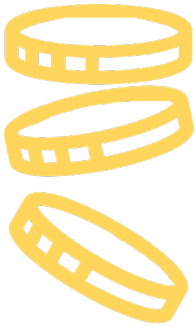
twice

Two times.



two-dimensional figure

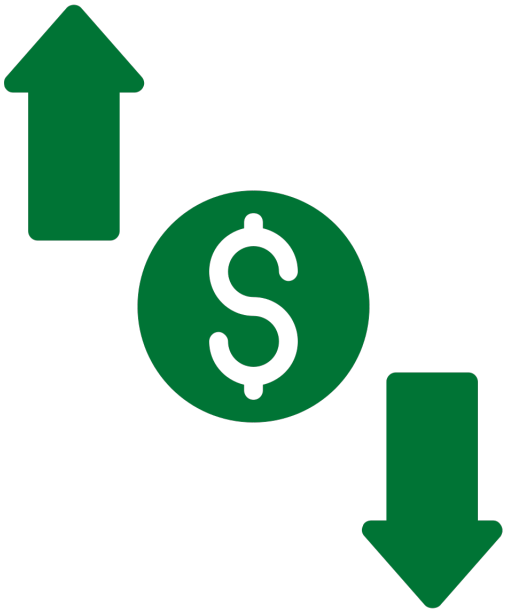
A figure with length and width but no height.



= 3

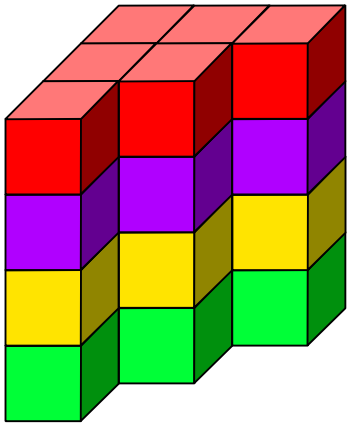
value

How much a number or item is worth.



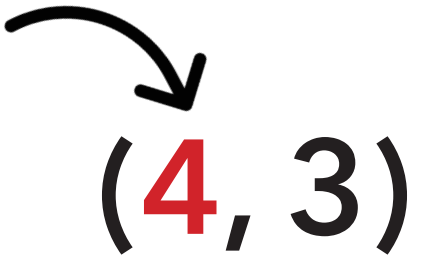
variable expenses

Costs that change based on the amount that is used.



volume

The number of cubic units needed to fill a solid figure.



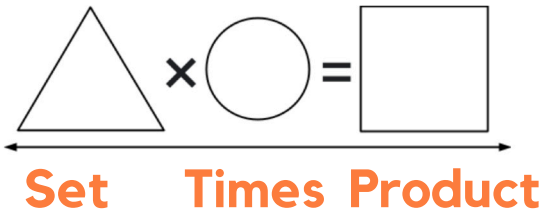
x-coordinate

The first number of an ordered pair. It corresponds to a number on the x-axis.

(4, 3)

y-cordinate

The second number of an ordered pair. It corresponds to a number on the y-axis.

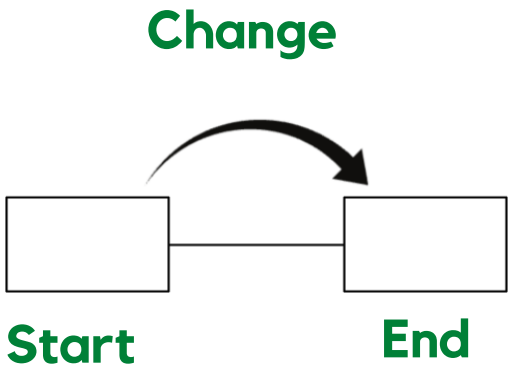


set/comparison problem

A word problem with a set compared a number of times.

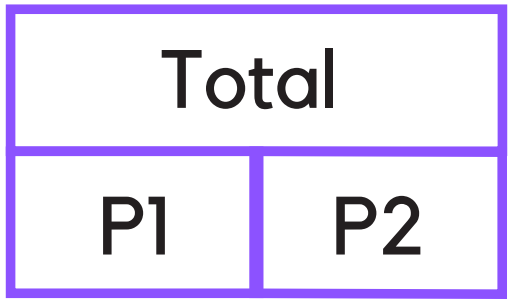
difference problem

A word problem with two amounts compared for a difference.



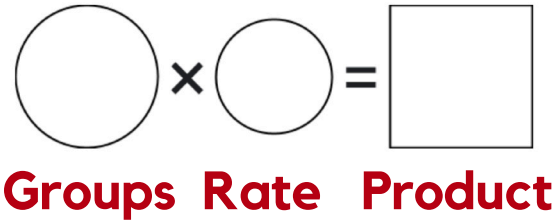
change problem

A word problem with a starting amount that increases or decreases to a new amount.



total problem

A word problem with two or more amounts combined for a total.



equal groups problem

A word problem where there are groups with an equal number in each group.