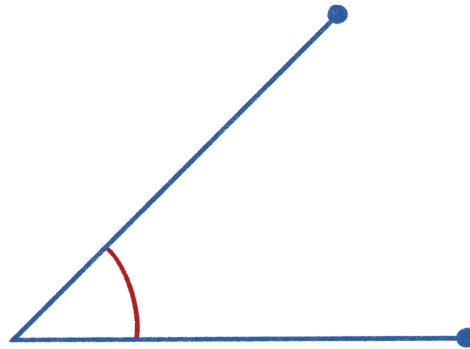# acute angle

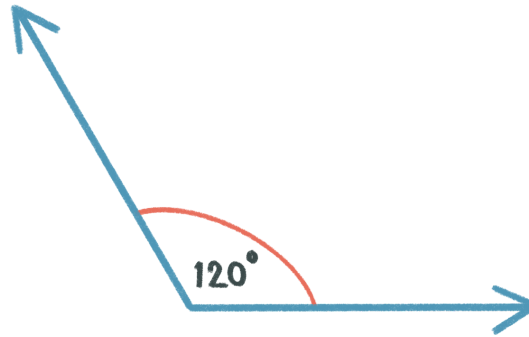An angle that measures less than 90º.

additive relationship

Two quantities can be expressed as related to each other through addition.
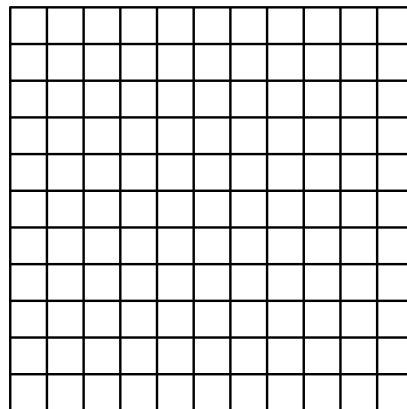
$$7 + 2 = 9$$

angle

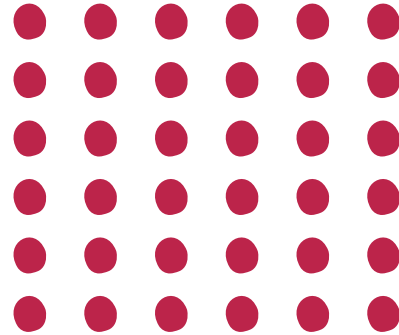A figure formed when two rays or line segments meet at a common endpoint.

120°

area

The number of square units that covers a closed shape.

array

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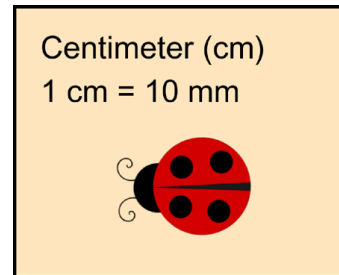in columns and rows.

balance the budget

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

centimeter (cm)

A metric unit used to measure length or distance;
100 centimeters = 1 meter (about the length of a staple or a penny).
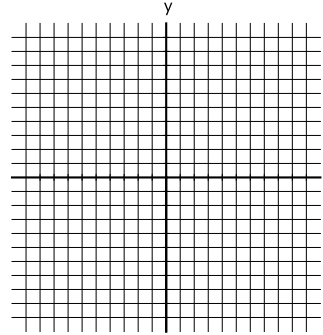
Centimeter (cm)
1 cm = 10 mm

---

comparison

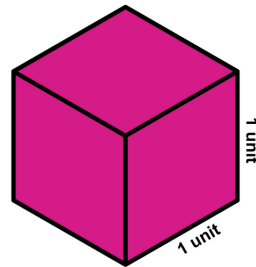To determine the difference between amounts.

coordinate grid

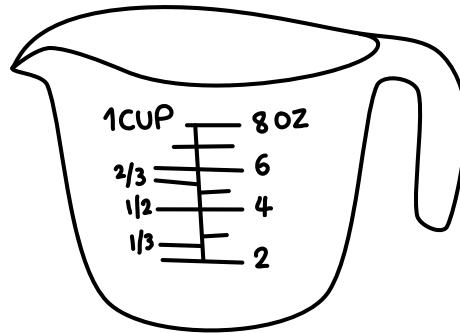A two-dimensional plane formed at the intersection of the *x*-axis and *y*-axis.

---

cubic units

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

1 unit

1 unit

Volume = 1 unit³

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.
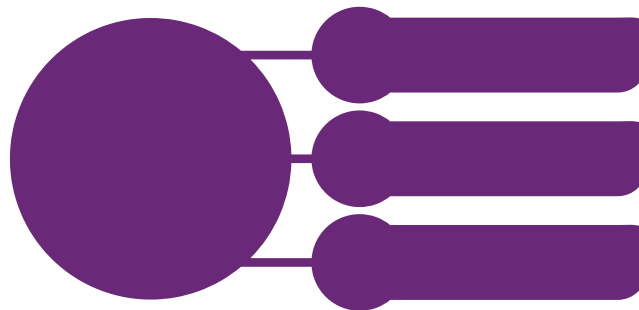
degrees

Unit of measure for angles.

31°

---

diagram

A pictorial representation of a quantity or relationship.

difference

The result of subtracting or the result when comparing two numbers.
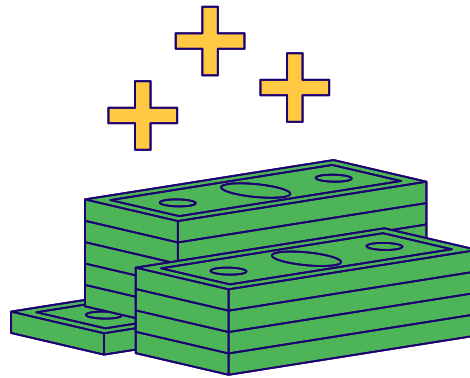
5 − 4 = 1

1 is the difference

---

digit

A symbol used to show numbers.

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

earn

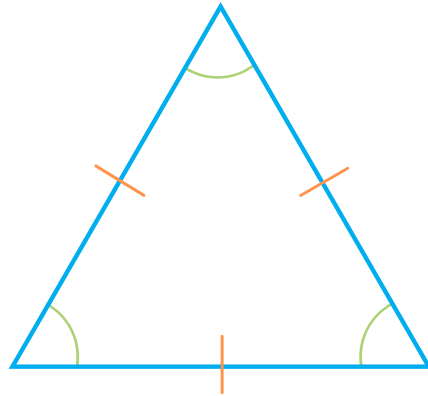To receive money as payment for work that you do.

---

equation

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

4 × 5 = 20

equilateral triangle

A triangle with three congruent sides.

---

equivalent

Two numbers that have the same value.

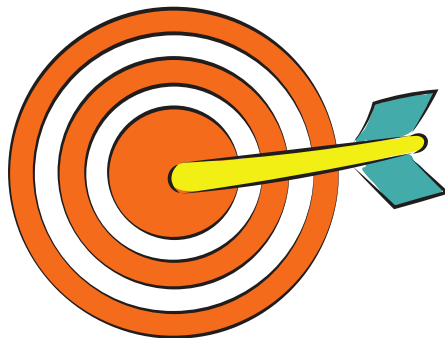$$\frac{2}{4} \text{ is equivalent to } \frac{1}{2}$$

estimate

To give an approximate value rather than an exact answer.

798.12 ⟶ **800**

---

exactly

Indicating exactness or preciseness.

expression

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

3 + 8

---

foot (ft)

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

fraction

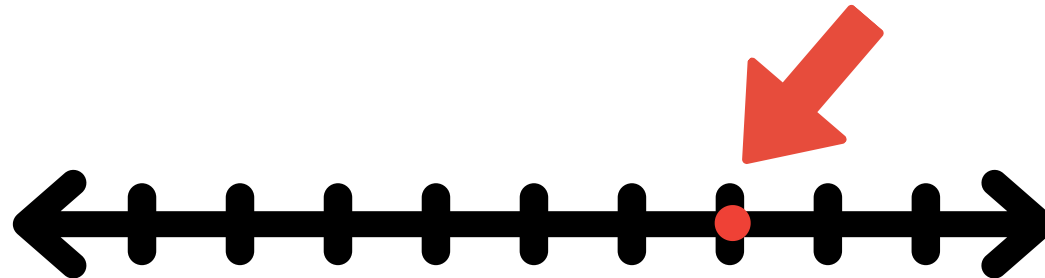A number representing part of a length, area, or set.

$$\frac{1}{4}$$

---

frequency table

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

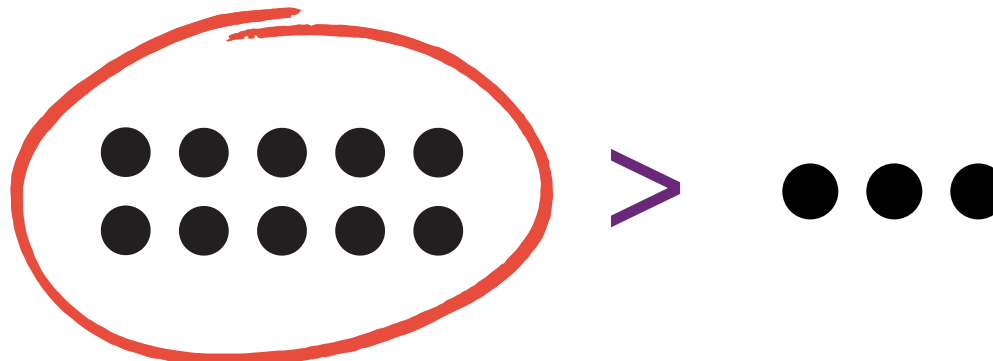| red	|||| ||||
orange	||||
yellow	||||
green	||
blue	

graph

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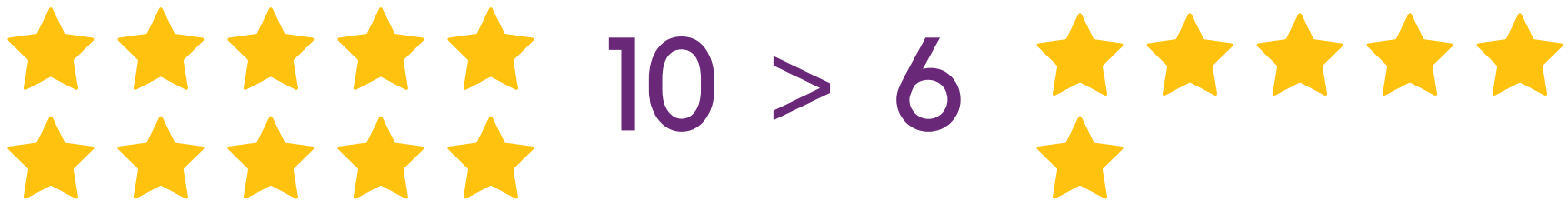
greater

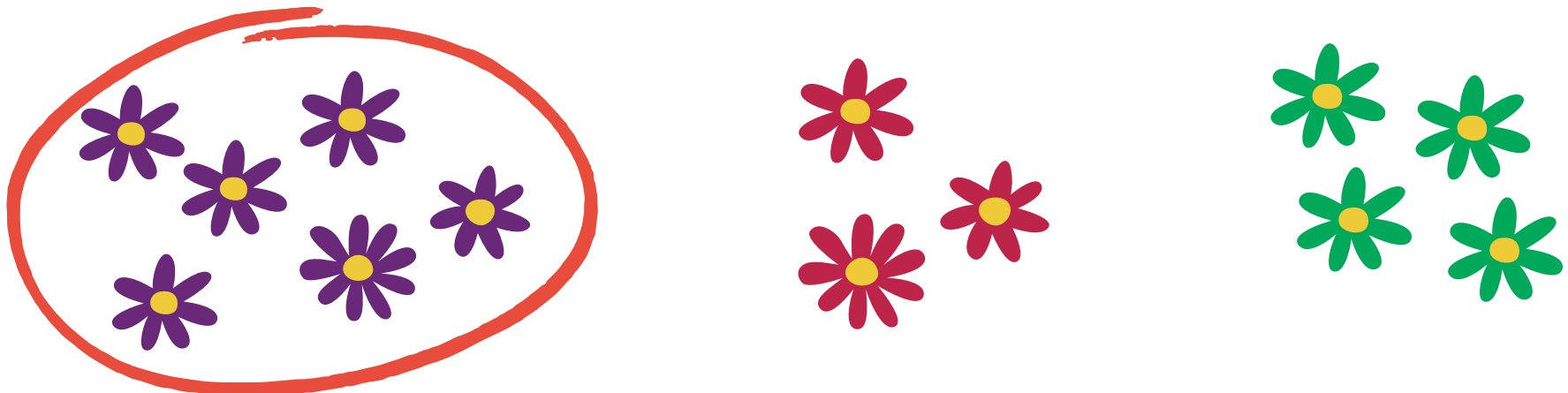When the number, quantity, or value is larger than another.

greater than

When the number, quantity, or value in one expression is larger than the other expression.

⭐⭐⭐⭐⭐
⭐⭐⭐⭐⭐   10 > 6   ⭐⭐⭐⭐⭐⭐

---

greatest

The number or group with the largest value.

horizontal line

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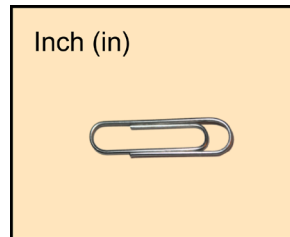
⟷

---

hundredths

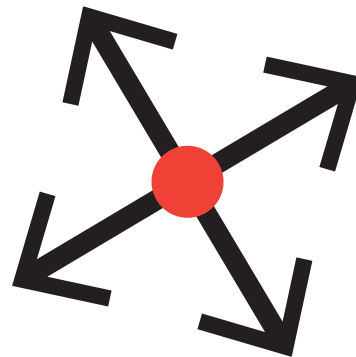The digit representing one-hundredth.

$$\frac{1}{100}$$

inch (in)

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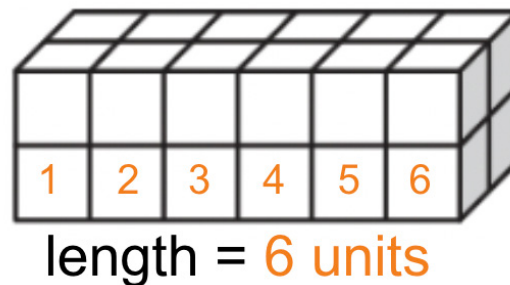12 inches = 1 foot (about the length of a quarter or paperclip).

Inch (in)

---

intersect

To share a common point.

least

The number or group with the smallest value.

length

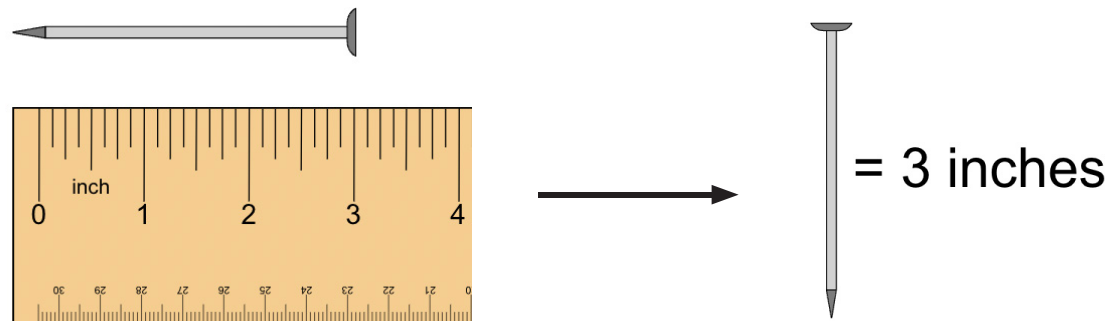The measure of one side of an object, typically the longer side.

1 2 3 4 5 6

length = 6 units

less than

When the number, quantity, or value in one expression is smaller than another expression.

2 < 9

---

measure

A method of determining the size of an object.

inch
0   1   2   3   4

= 3 inches

miles (mi)

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

1 mile = 5,280 feet

---

millions

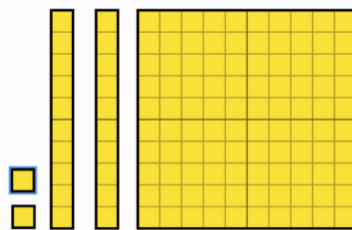1,000 thousands; written as 1,000,000.

1,000,000

mixed number

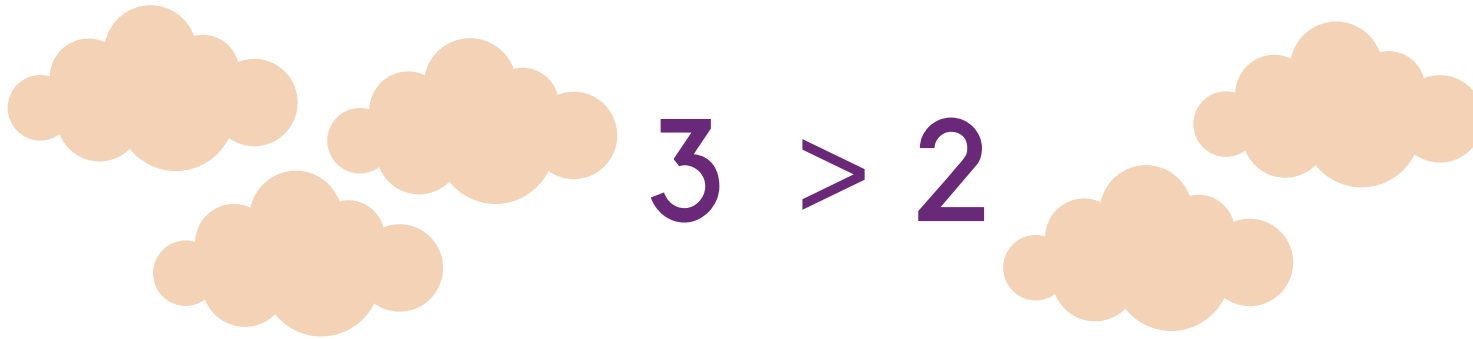A whole number and a fraction combined.

$$5\frac{1}{12}$$

---

model

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

more

When the number, quantity, or value in one expression is greater than another expression.

$$3 > 2$$

---

more than

When the number, quantity, or value in one expression is greater than another expression.
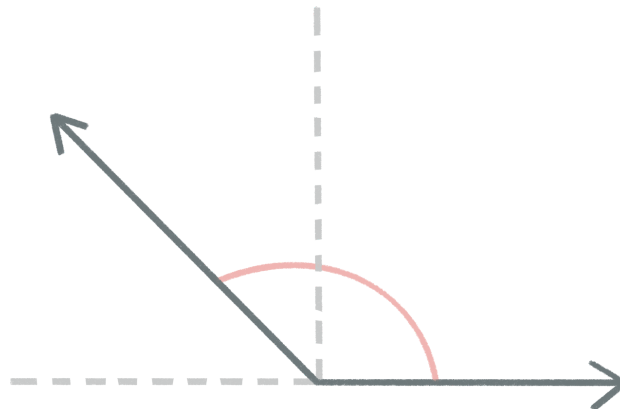
$$5 > 3$$

multiplicative relationship

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

$$7 \times 2 = 14$$

---

obtuse angle

An angle that measures between 90º and 180º.

ordered pair

A pair of numbers used to locate a point on a coordinate plane.
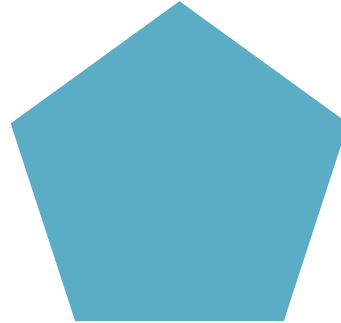
(4, 3)

---

parallel

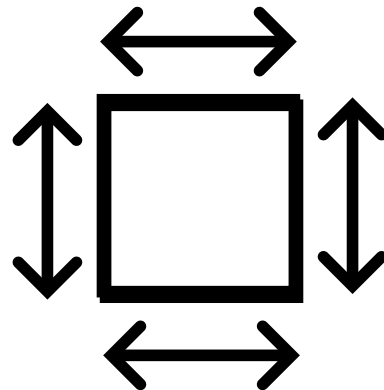Lines (or planes, surfaces, or objects) that never intersect.

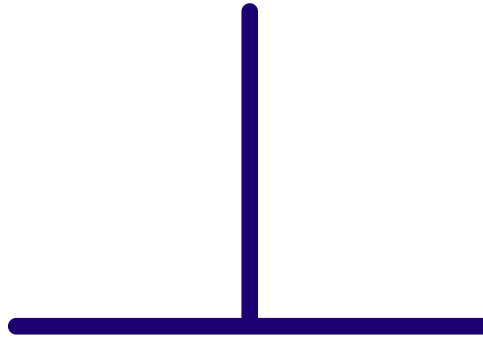# pentagon

A polygon with 5 sides.

perimeter

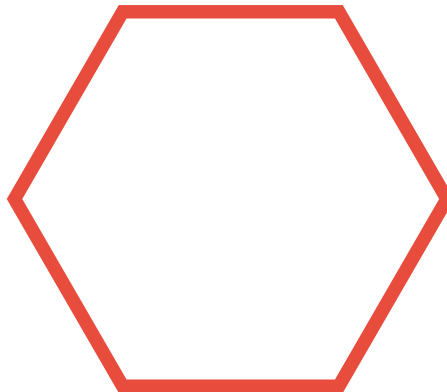The measure of the distance around a region or figure.

perpendicular

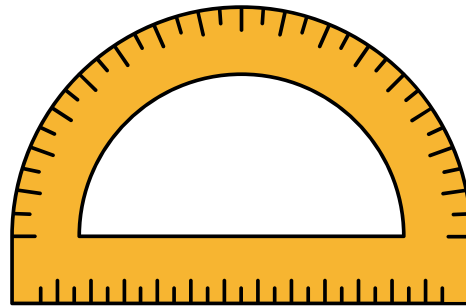Lines (or planes, surfaces, or objects) that intersect at a right angle.

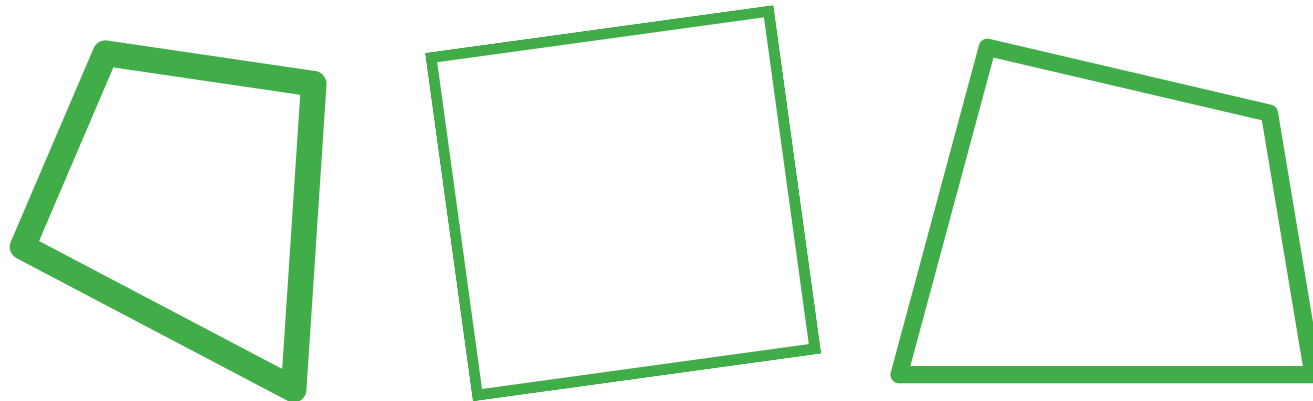# polygon

A closed figure made up of straight line segments.
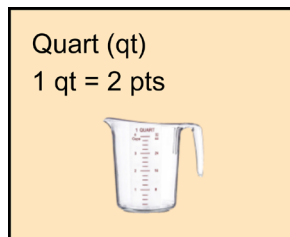
protractor

A tool used to measure and draw angles.
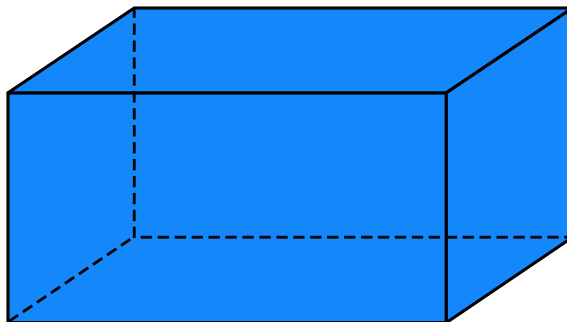

---

quadrilateral

A polygon with four sides and four angles.

quart (qt)

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

Quart (qt)
1 qt = 2 pts

---

rectangular prism

A three-dimensional figure with six rectangular faces.

relationship

An association or connection between two or more things.

$$x \longrightarrow y$$

---

represent

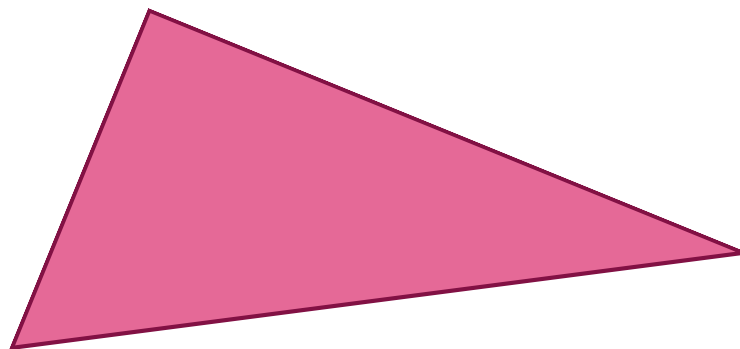Using models to organize, record, and communicate ideas.
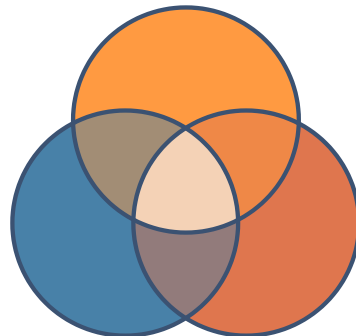
rounding

A process that tells which place value a number is closest to.
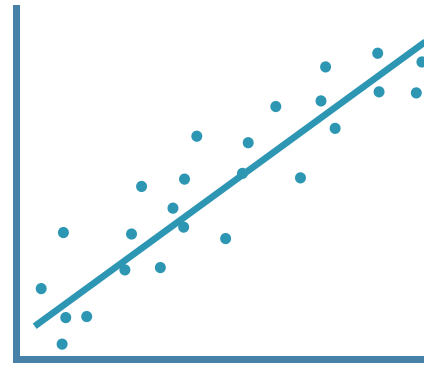
$$3.98 \longrightarrow 4$$

---

scalene triangle

A triangle with no congruent sides.

scatterplot

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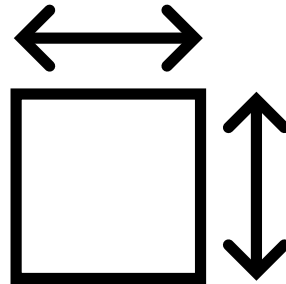

---

simplify

To write a fraction or expression in simplest form.

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

square inches

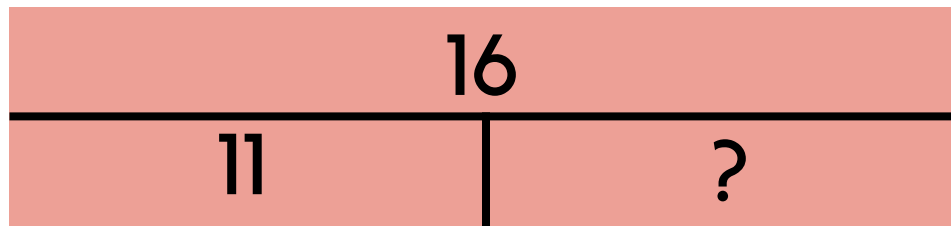A unit of area equal to a square one inch long on each side.

stem and leaf plot

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

stem	leaf
3	0 1 2 5
4	1 1 3 7
5	2 3 3 6 7

strip diagram

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

16	
11	?

---

sum

The result of adding two or more numbers.

3 + 5 + 2 = 10

10 is the sum

thousands

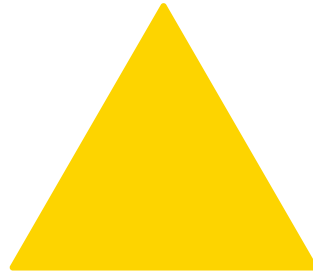The digit representing 1,000.

1,000

---

total

The result or sum when adding numbers.

5 + 7 = 12

triangle

A polygon with three sides and three angles.

---

true

A statement that is correct.
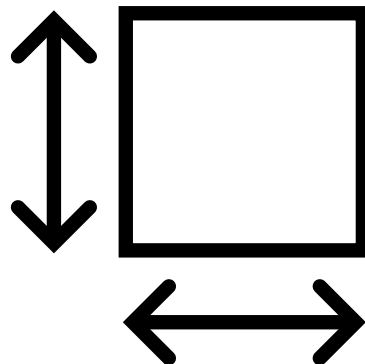
$5 = 5$ ✓

twice

Two times.

$\times 2$

---

two-dimensional figure

A figure with length and width but no height.

value

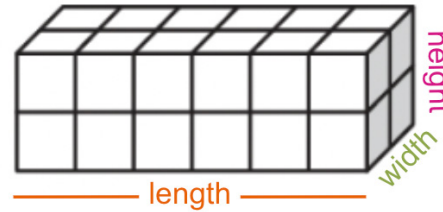How much a number or item is worth.

---

variable expenses

Costs that change based on the amount that is used.

volume

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

$l \times w \times h = V$

Volume = 24 units^3

---

x-coordinate

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

(4, 3)

y-coordinate

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

(4, 3)