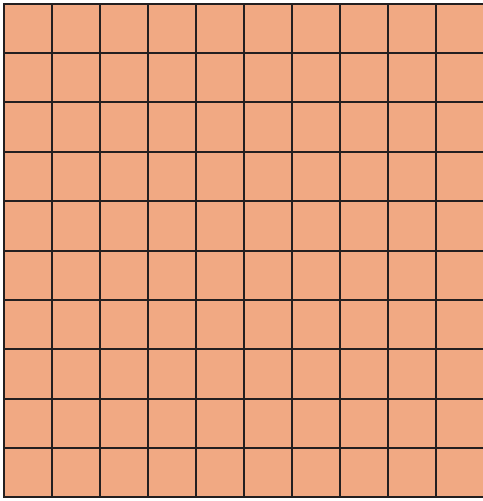# add/addition
To combine or increase.

addend

$$2 + 6 = 8$$
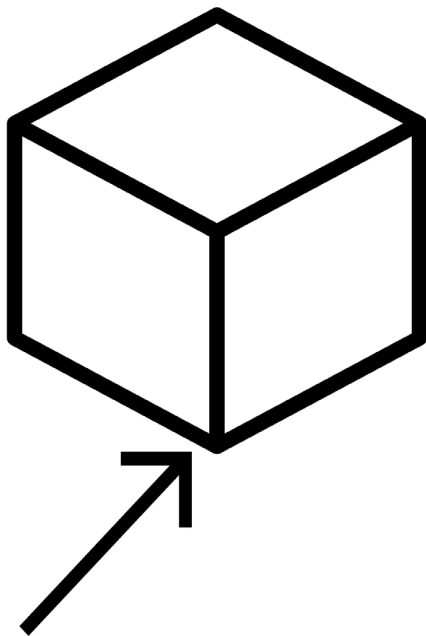
2 and 6 are addends

Numbers added together.

area

area = 100 units^2

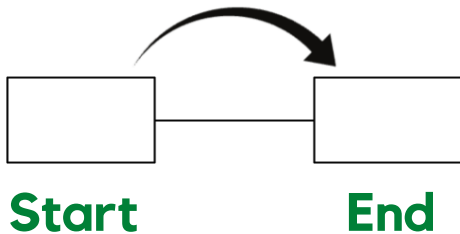The number of square units that covers a closed figure.

base

The bottom shape of a three-dimensional figure.

cents ¢
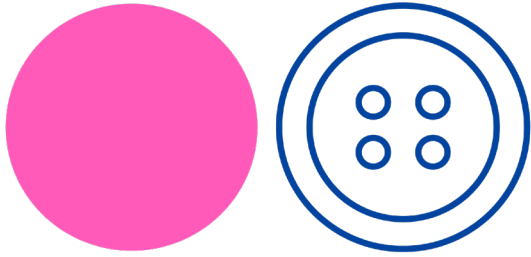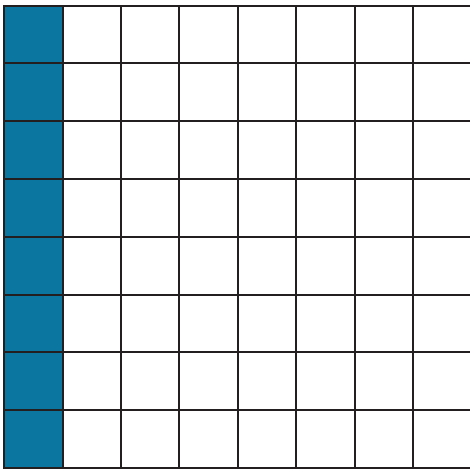
A unit of U.S. money.

change problem

Change

Start — End

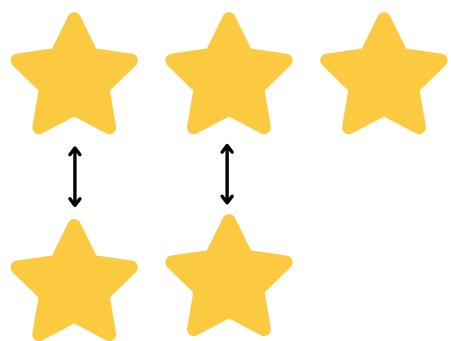A word problem with a starting amount that increases or decreases to a new amount.

circle

column
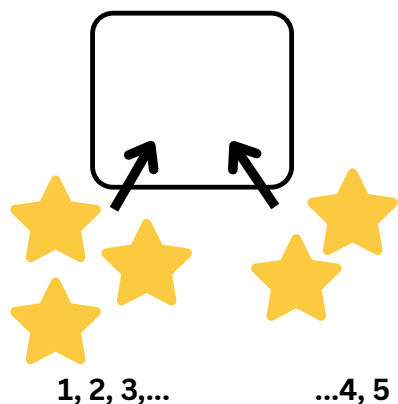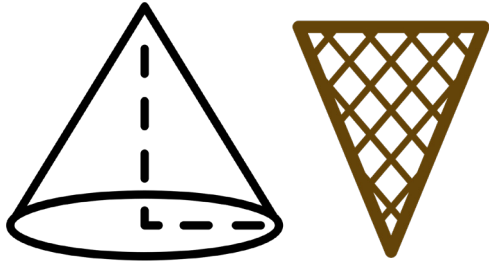
Items arranged vertically (up and down).

compare

To find the difference between two sets.

$3 - 2 = 1$

compose

To combine numbers together.
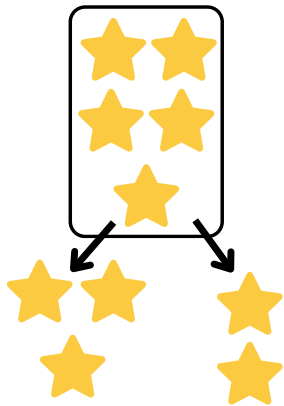
1, 2, 3,...   ...4, 5

$3 + 2 = 5$

cone
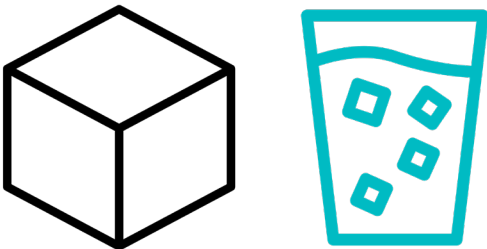
cube
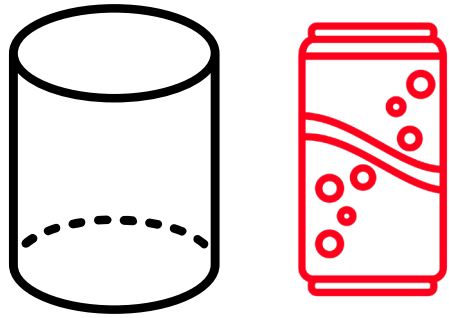
cylinder

decompose

To break a number apart.

5 = 3 + 2

$9 - 4 = \mathbf{5}$

5 is the
difference

difference

The result of subtracting.

---

greater	
less	D

difference problem

A word problem with two amounts compared for a difference.

digit

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

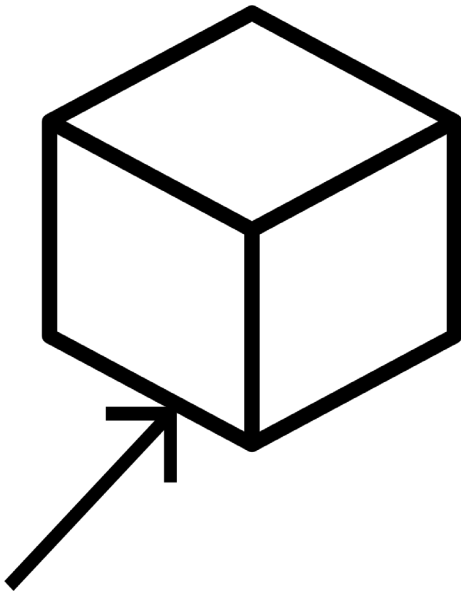A single numeral used to show place value.

dime

A U.S. coin that is worth 10 cents.

dollar ($)

A unit of U.S. money worth 100 cents.

edge

A line segment that connects two vertices in a three-dimensional figure.
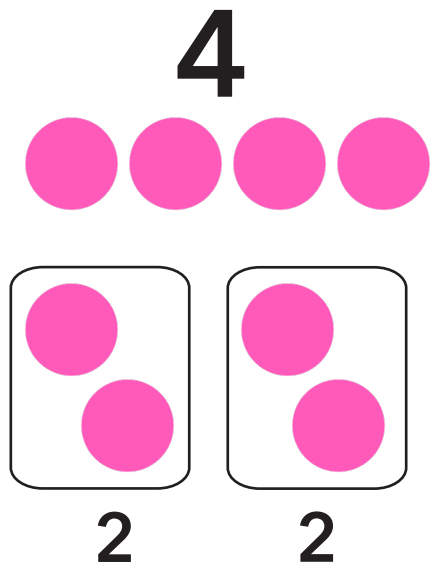
=

4 = 3 + 1

equal

When the value on the left side of the equal sign is the same as the value on the right side.

4 = 3 + 1

= is the equal sign

equal sign

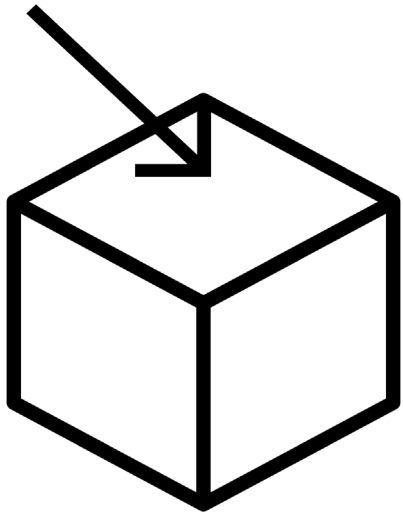The symbol that tells you that two sides of an equation are the same.

4

● ● ● ●

[● ●] [● ●]

2   2

even

A number that can be split into two equal groups.
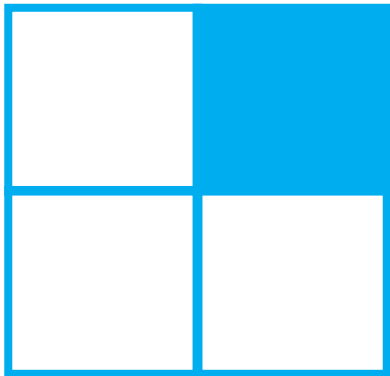

$500 + 40 + 6 = 546$

expanded form

A way to write numbers showing the place value of each digit.

face

The flat surface of a three-dimensional figure.

fourths/quarter

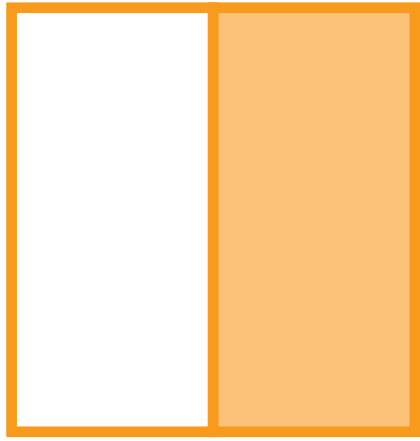One of four equal parts (of a whole), also referred to as "quarters."

fraction

$$\square = \frac{1}{4}$$

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

greater than/more

$$3 > 2$$
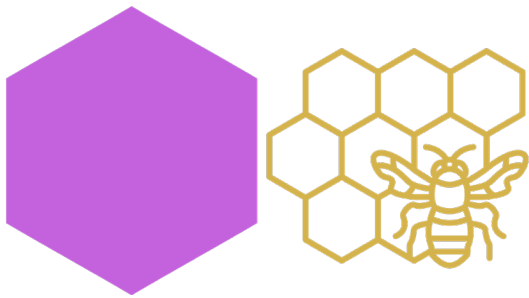
When the value in one expression is larger than another expression.

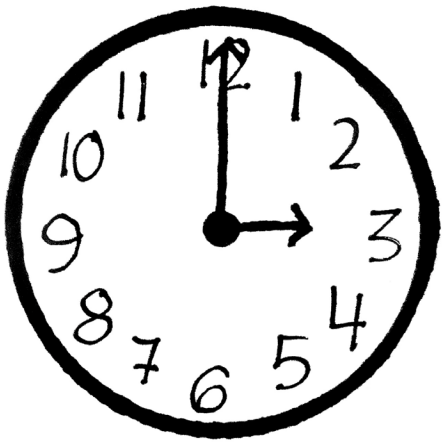# half/halves

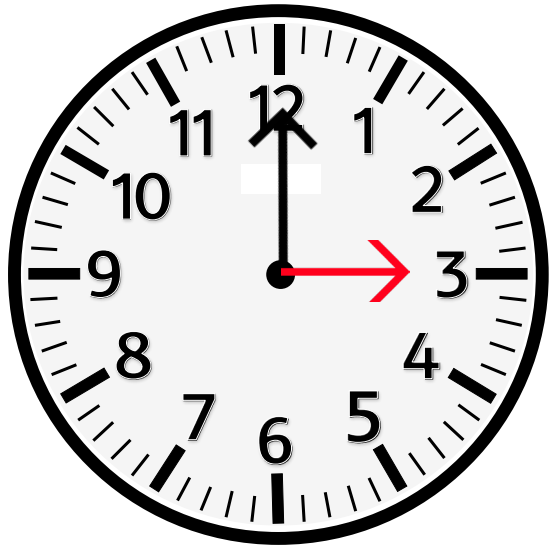One of two equal parts (of a whole).

hexagon

horizontal

In a left-to-right orientation lined up with the horizon.
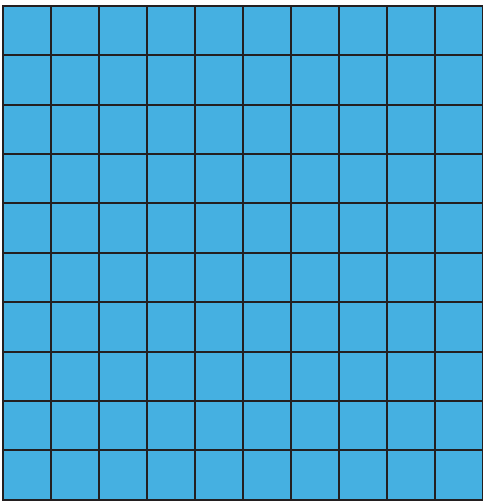
hour
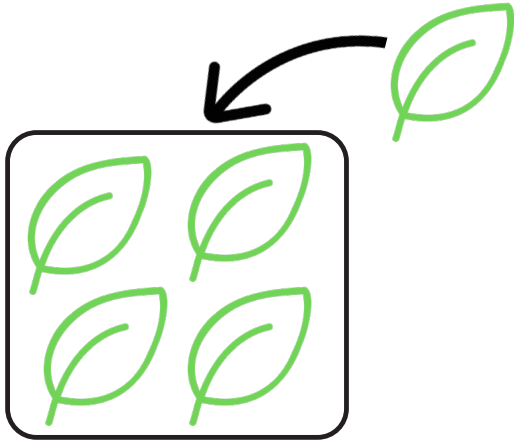
A unit of time equal to 60 minutes.

hour hand

The short hand on the clock that tells the hour.

hundred/hundreds

A grouping of 10 tens or 100 ones.

join

4 + 1

To add to an existing set.

length

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

less than/fewer

$2 < 3$

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

minuend

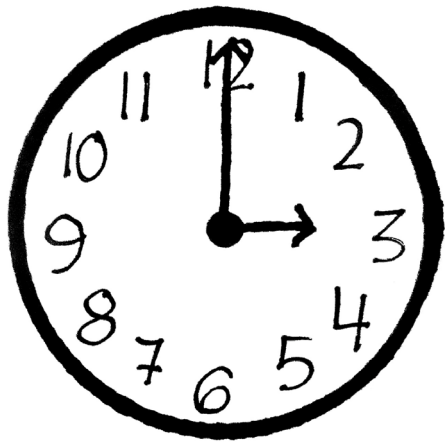$7 - 2 = 5$

7 is the minuend

The number from which another number is subtracted.

$7 - 2 = 5$
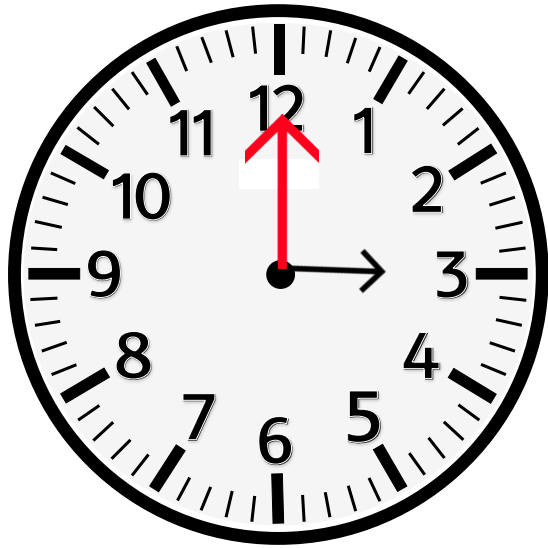
— is the **minus sign**

minus sign
The symbol that tells you to subtract.
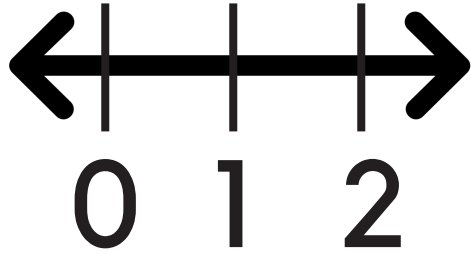

minute
A unit of time equal to 60 seconds.

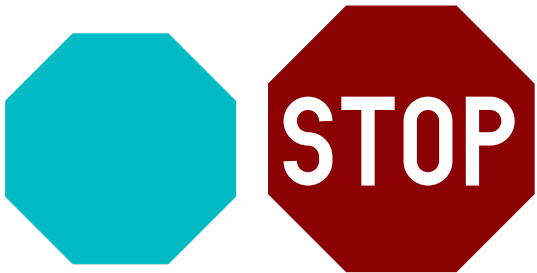## minute hand

The long hand on the clock that tells the minutes.
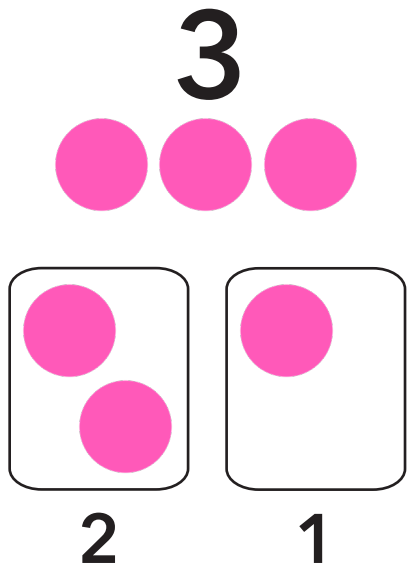
nickel

A U.S. coin that is worth 5 cents.

number line

number line

A straight line with numbers placed at equal intervals.
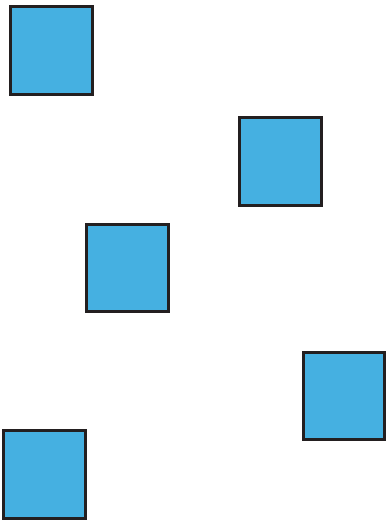
octagon

octagon

odd

3

A number that cannot be split into two equal groups.
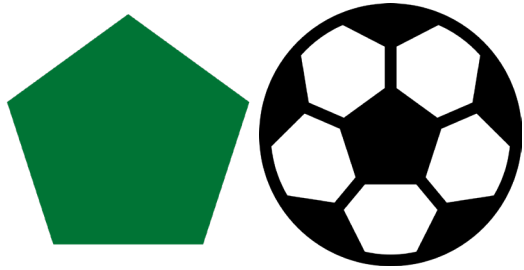
2   **1**

one/ones

A "one" is a single unit.

parallelogram

A quadrilateral with opposite sides that are parallel.

penny

A U.S. coin that is worth 1 cent.

pentagon

place value
The value of a digit depending on its place in a number.

546
500

plus sign

$2 + 6 = 8$

+ is the plus sign

The symbol that tells you to add.

quadrilateral

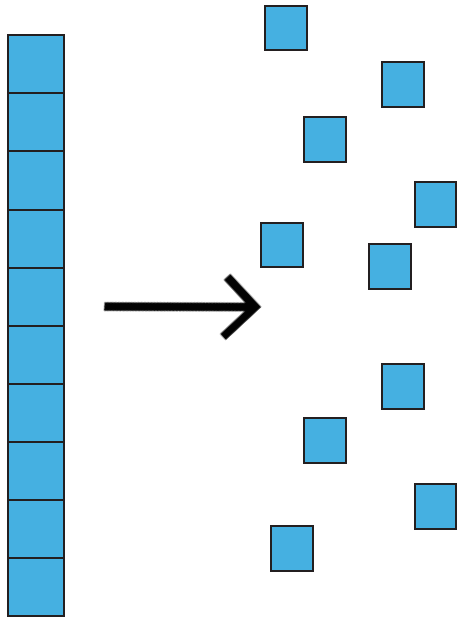A polygon with four sides and four angles.
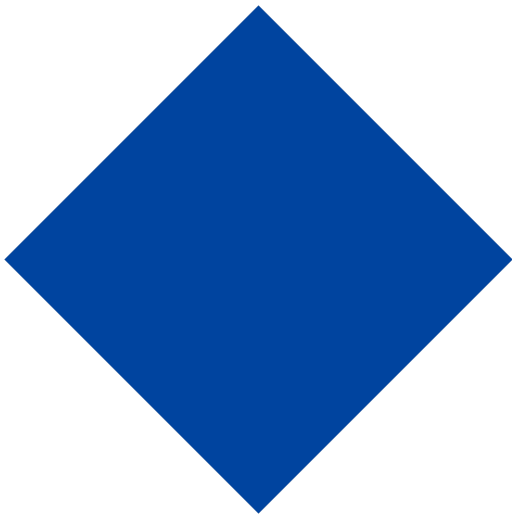
quarter

A U.S. coin that is worth 25 cents.

rectangle
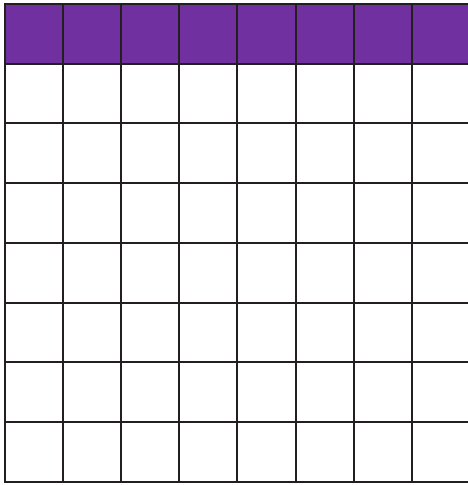
A quadrilateral with four right angles.

regroup/trade/exchange

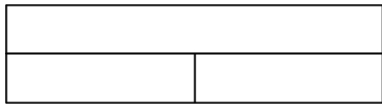The process of exchanging 10 ones for 1 ten, 10 tens for 1 hundred, 10 hundreds for 1 thousand, etc.

rhombus

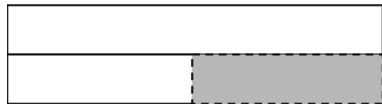A parallelogram with equal sides and equal opposite angles.
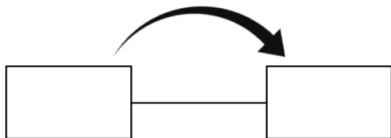
row

Items arranged horizontally (left to right).
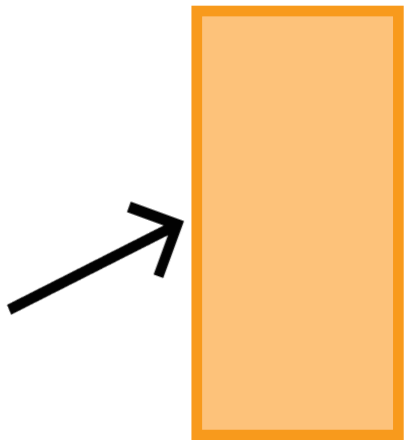
schema

A word problem's type.

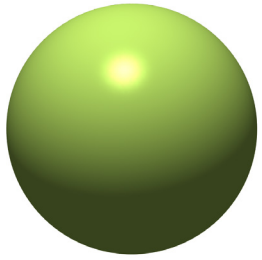**Total**

Difference

Change
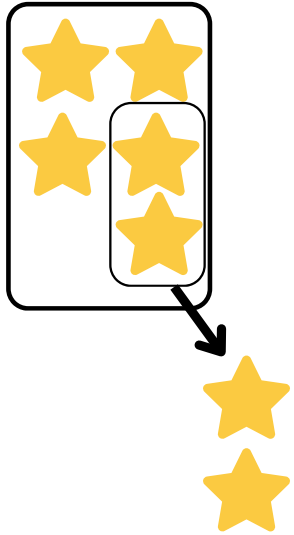
separate

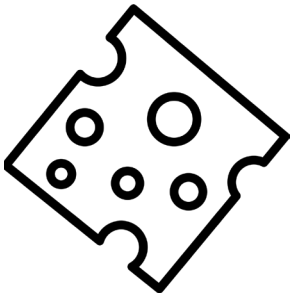To subtract from an existing set.

side

The line segment that forms the outline of a shape.

sphere
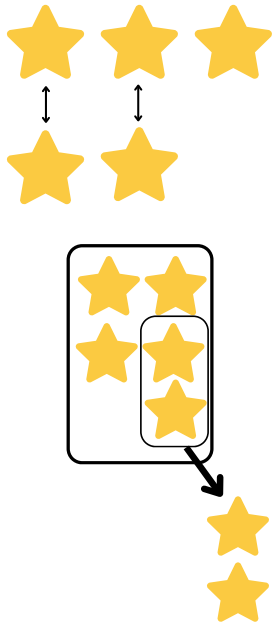
square

1,546

standard form
A way to write numbers using digits.

subtract/subtraction
To compare two sets or to separate from a set.
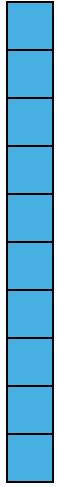
$7 - \textbf{2} = 5$

2 is the
subtrahend

subtrahend
The number to be
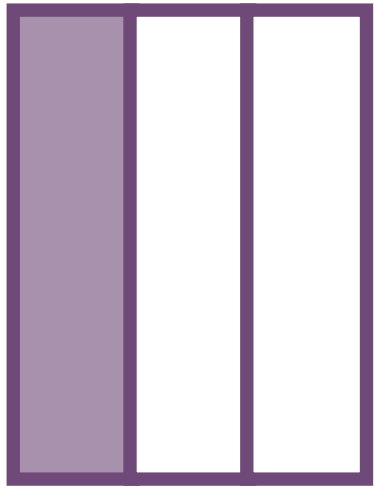subtracted.

$2 + 6 = \textbf{8}$

8 is the sum
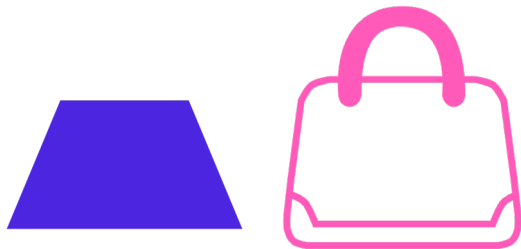
sum
The result of adding.

ten/tens

A grouping of 10 ones.

third(s)

One of three equal parts (of a whole).

total problem

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

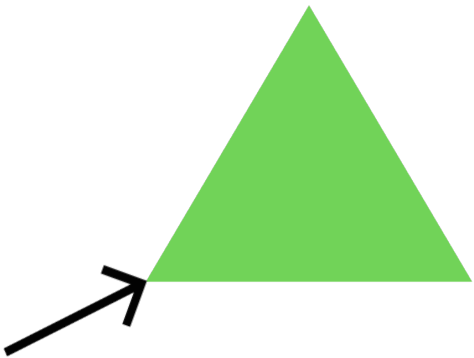| Total	
P1	P2

trapezoid

A quadrilateral with one pair of parallel sides.

triangle

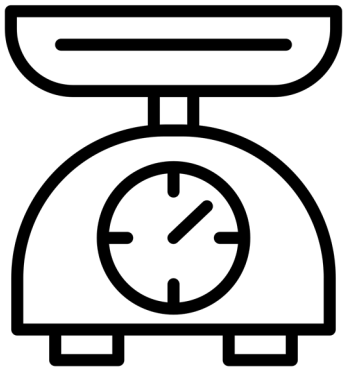A polygon with three sides and three angles.

vertex/vertices

The point at which two line segments, lines, or rays meet to form an angle.

vertical

In a top-to-bottom orientation.

weight

The measure of how heavy something is.