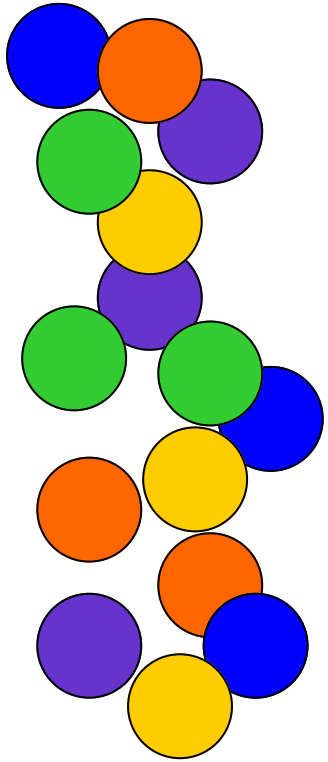
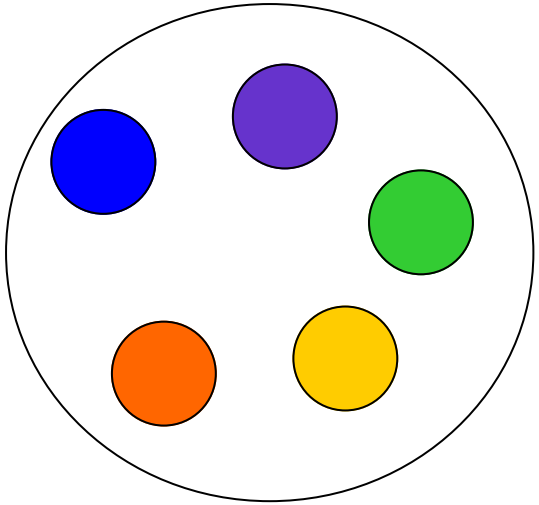
share or sharing

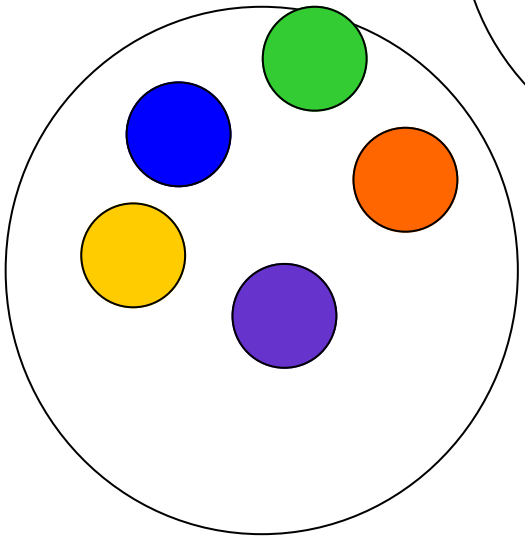
Dividing objects or numbers into equal groups.

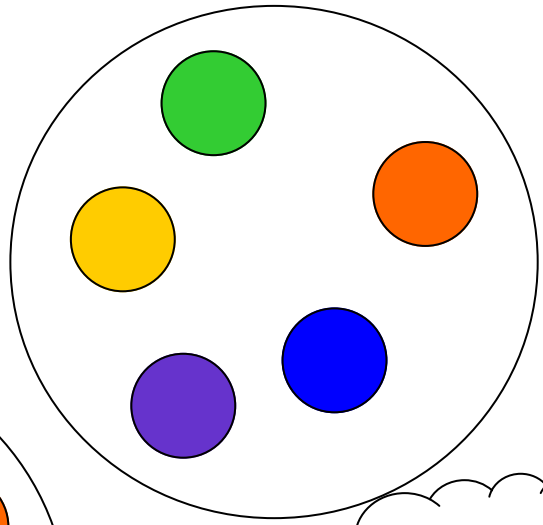
$$15 \div 3 = 5$$

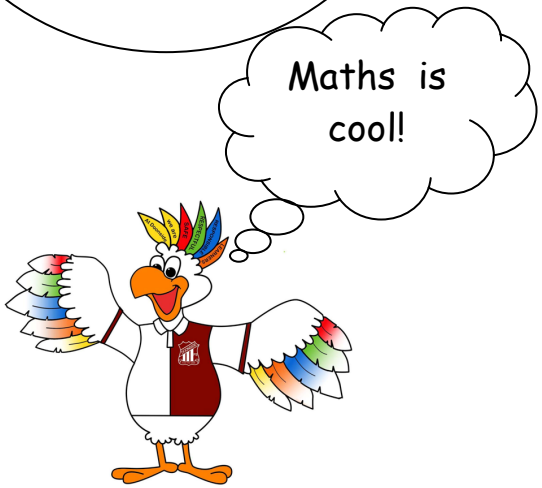
dividend divisor Multiple or quotient





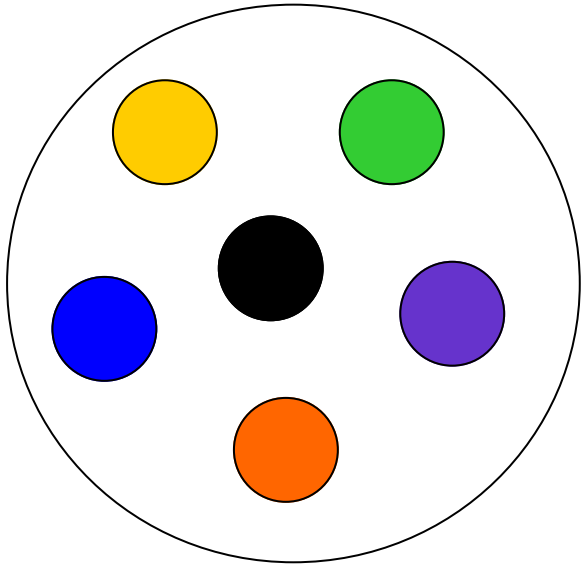


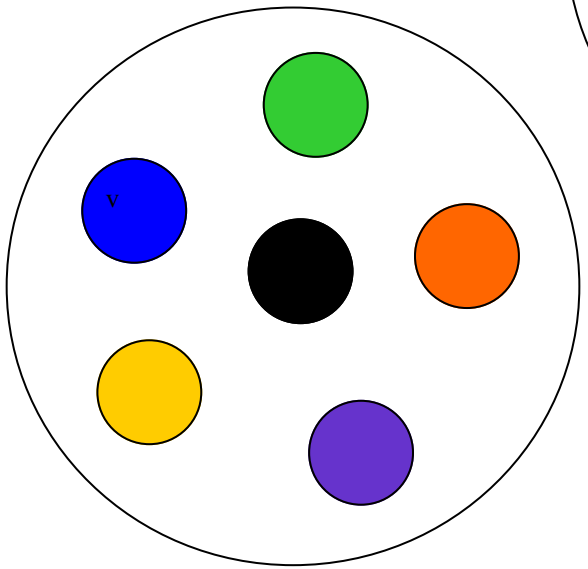


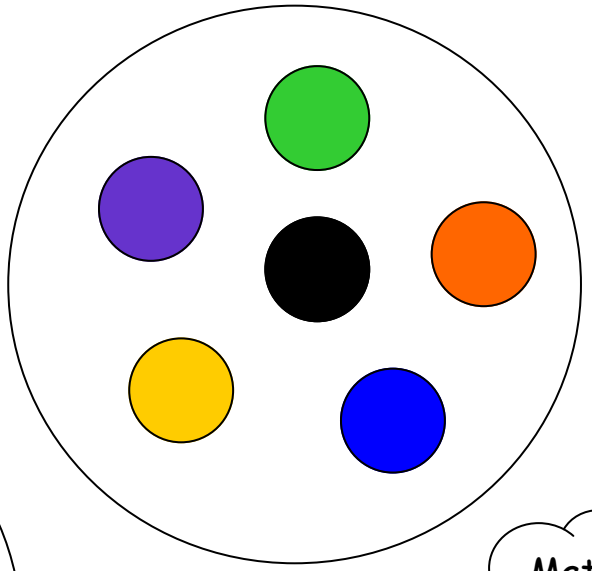


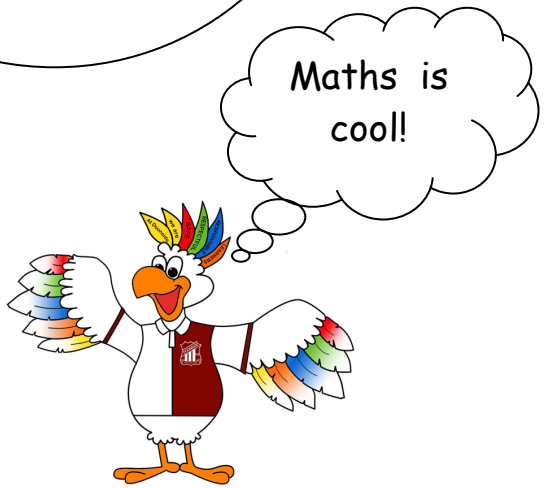
equal groups

Each group has the same amount







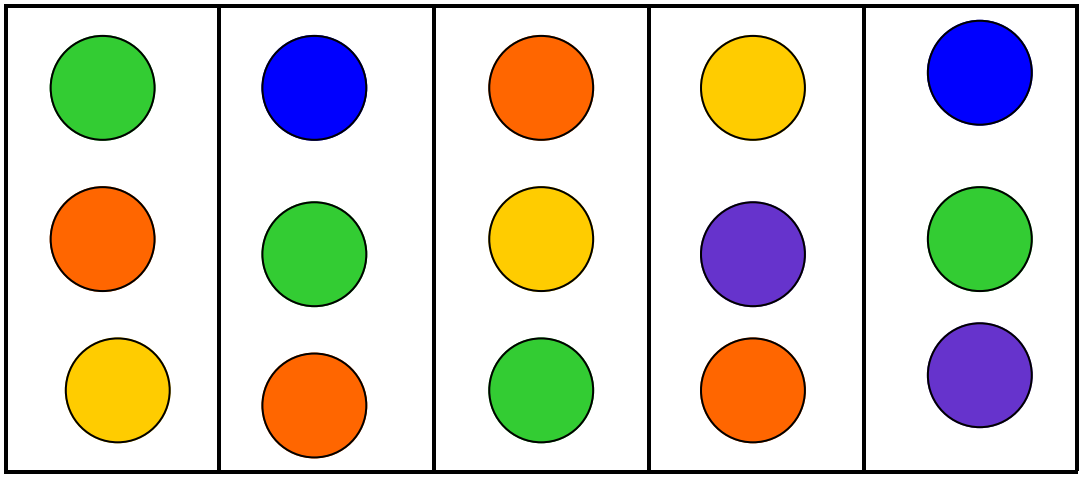


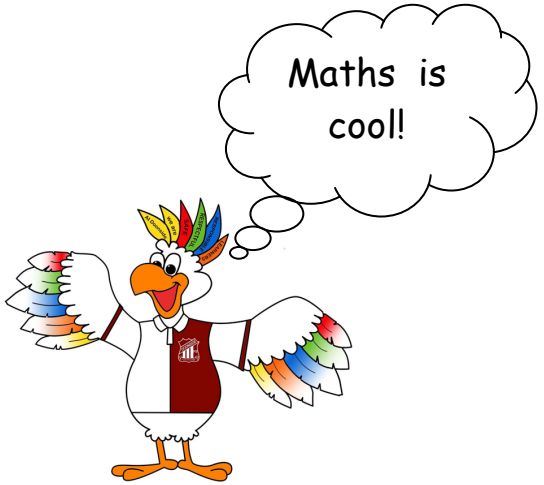
division

Sharing objects or numbers into groups.

$$15 \div 3 = 5$$

dividend divisor quotient



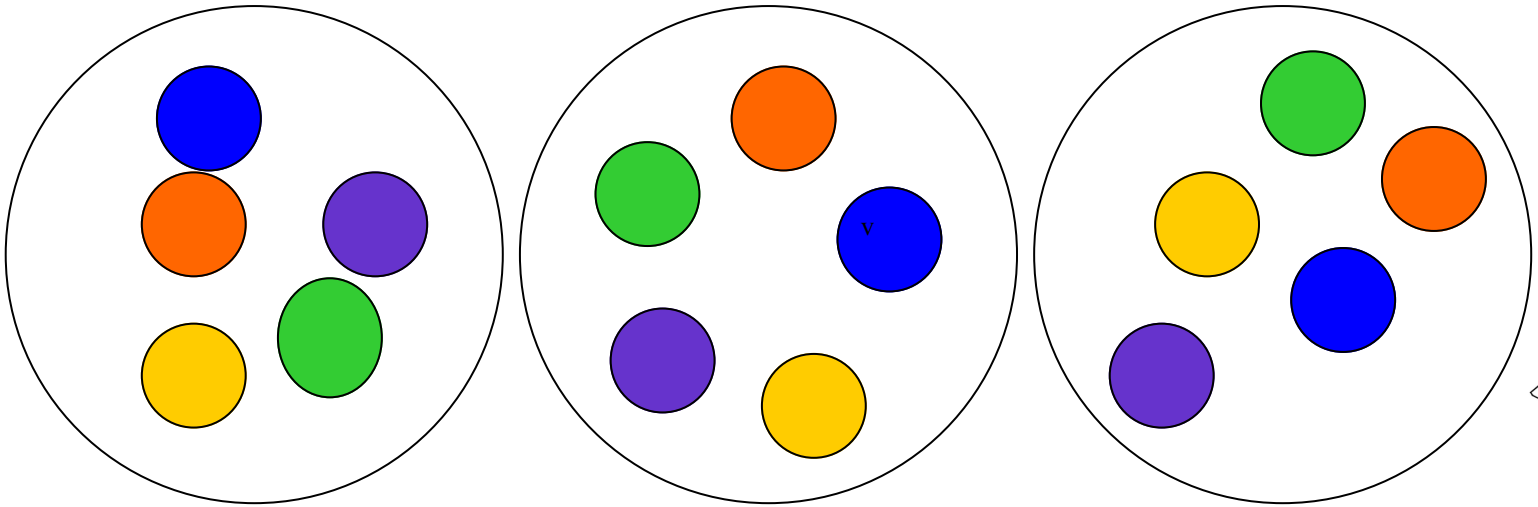


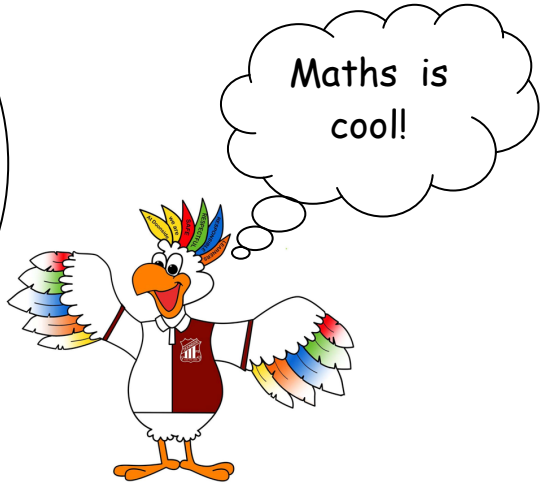
divisible

A number that can be divided without a remainder.

$$15 \div 3 = 5$$

dividend divisor quotient



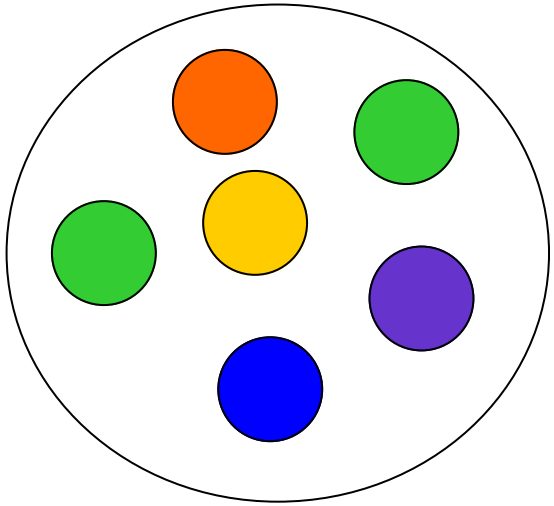


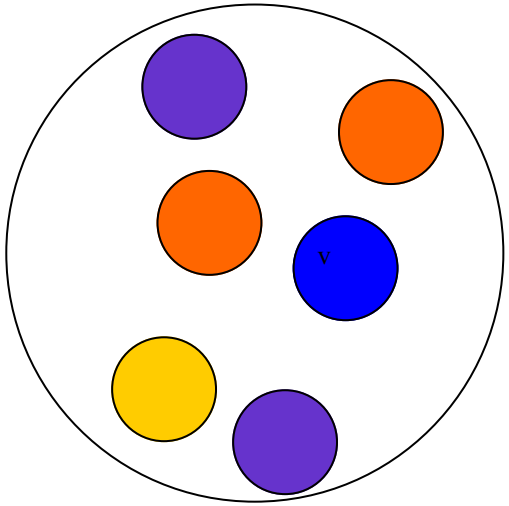
remainder

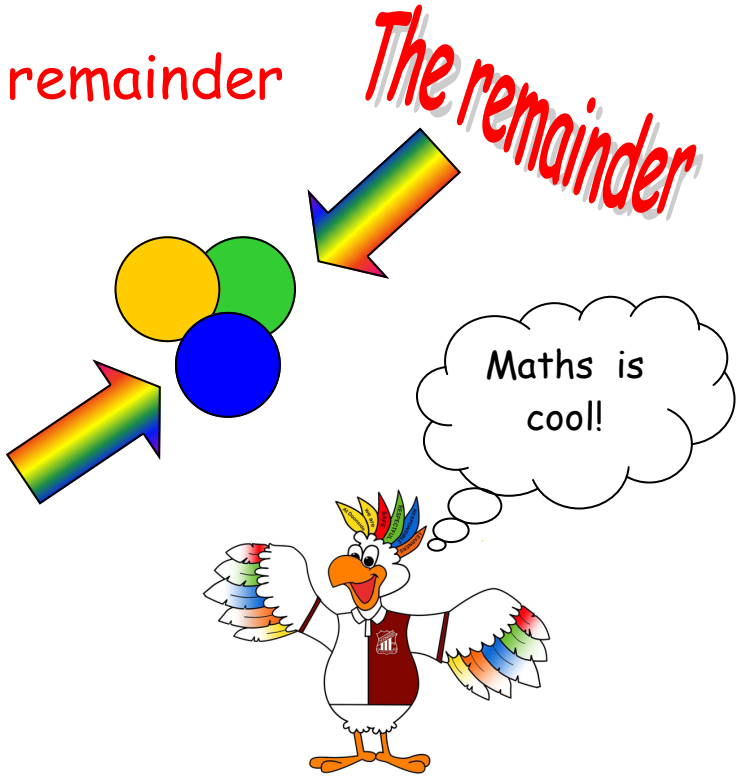
The amount left over after dividing a number.

$$15 \div 6 = 2 \text{ r } 3$$

dividend divisor quotient remainder

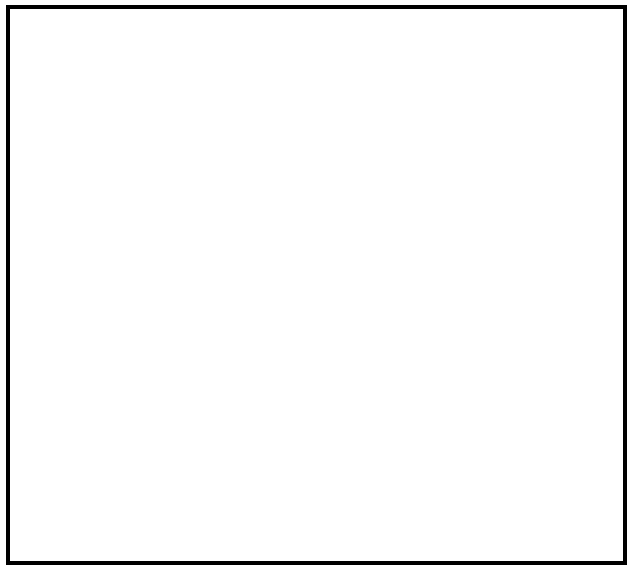




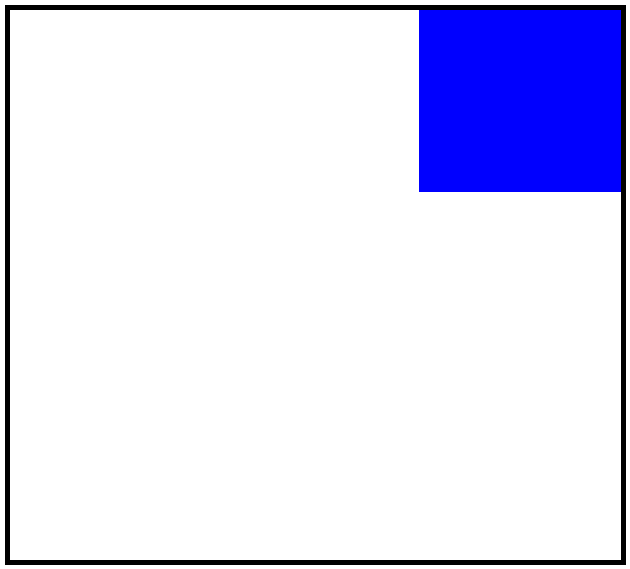


fraction

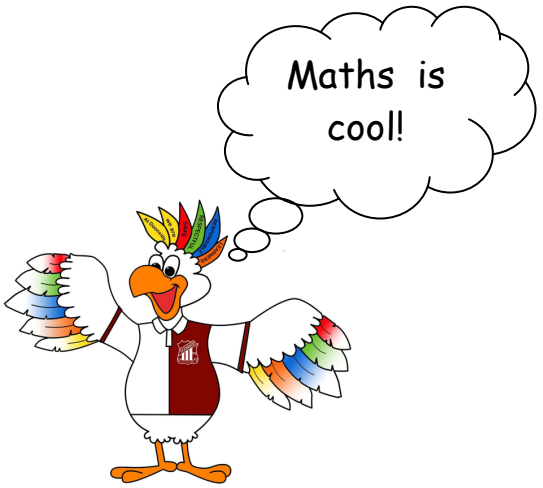
Any part of a group, number or whole.



1 whole



a part



to multiply or multiplication

A mathematical operation where a number is added to itself a number of times

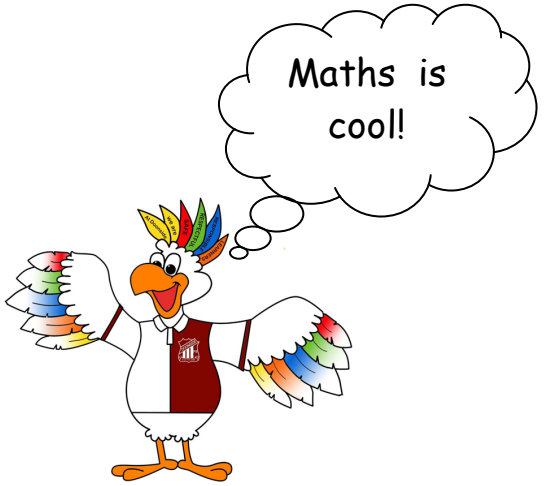
2+2+2+2=8 or

4 x 2 = 8

mulitplier

mulitplicand

Multiple or Product

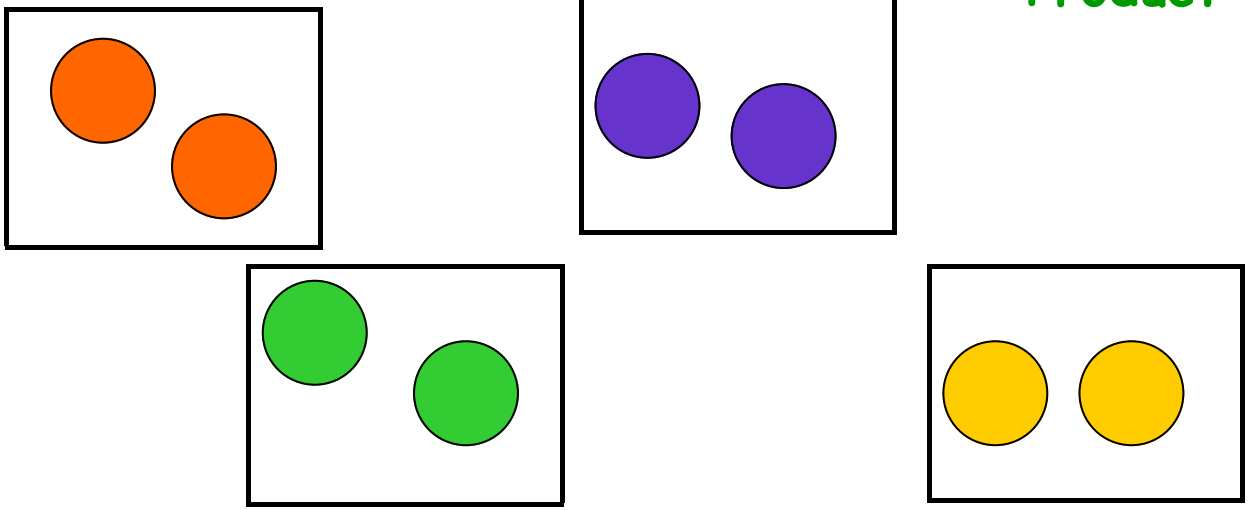


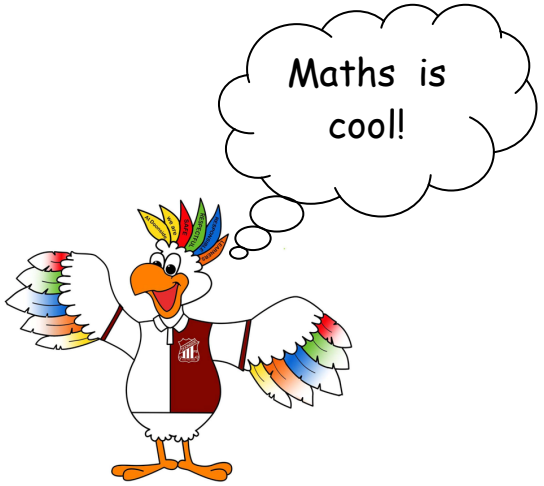
lots of or groups of or sets of

Grouping things or counters into equal groups or sets.

$$4 \times 2 = 8$$

mulitplier mulitplicand Multiple or Product





factor

A number that multiplies with another number to make a new number

3 and 4 are factors of 12

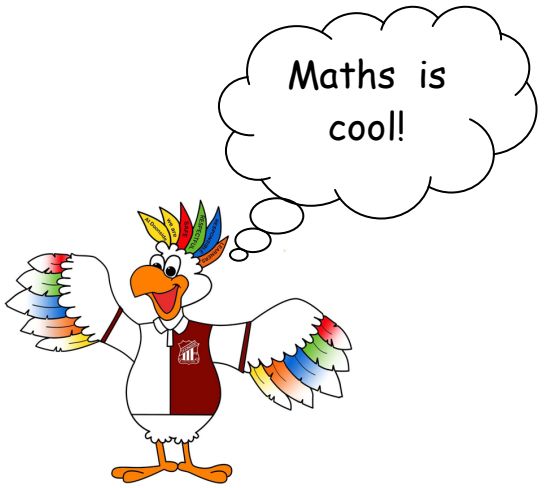
3 x 4 = 12

6 and 2 are factors of 12

6 x 2 = 12

1 and 12 are factors of 12

1 x 12 = 12

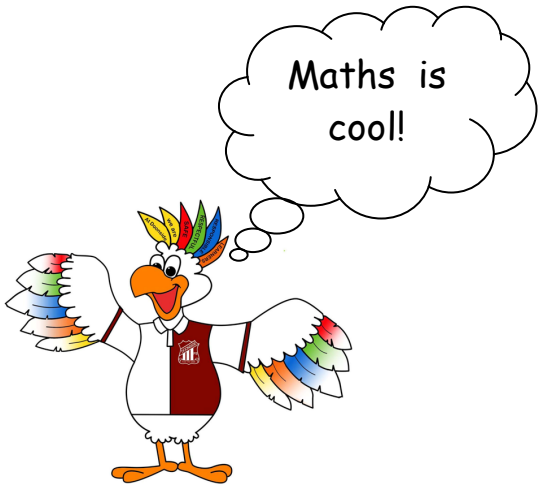


times table

Multiplication facts which are orgainsed in a table

1	X	5	=	5
2	X	5	=	10
3	X	5	=	15
4	X	5	=	20
5	X	5	=	25
6	X	5	=	30
7	X	5	=	35
8	X	5	=	40
9	X	5	=	45
10	X	5	=	50
11	X	5	=	55
12	X	5	=	60

1	X	2	=	2
2	X	2	=	4
3	X	2	=	6
4	X	2	=	8
5	X	2	=	10
6	X	2	=	12
7	X	2	=	14
8	X	2	=	16
9	X	2	=	18
10	X	2	=	20
11	X	2	=	22
12	X	2	=	24



array

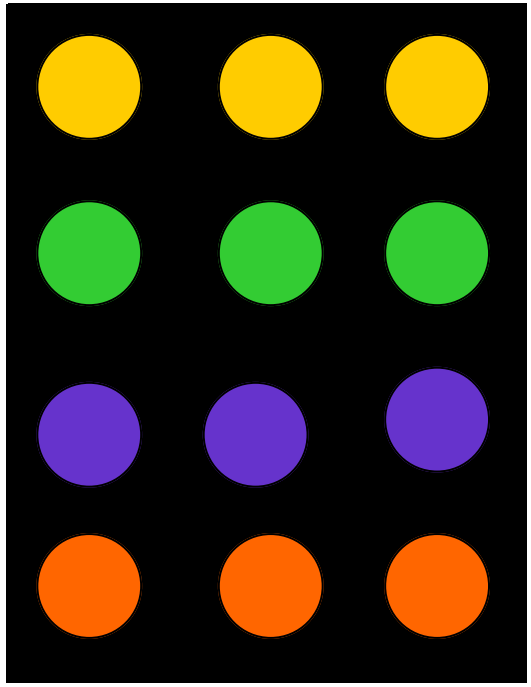
A set of objects or numbers that are arranged in rows

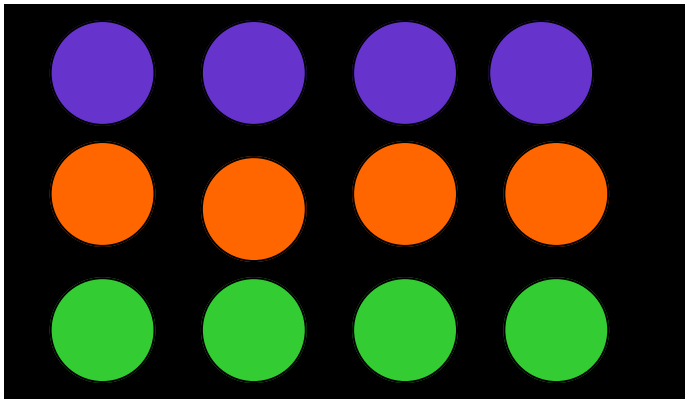
4 x 3 = 12

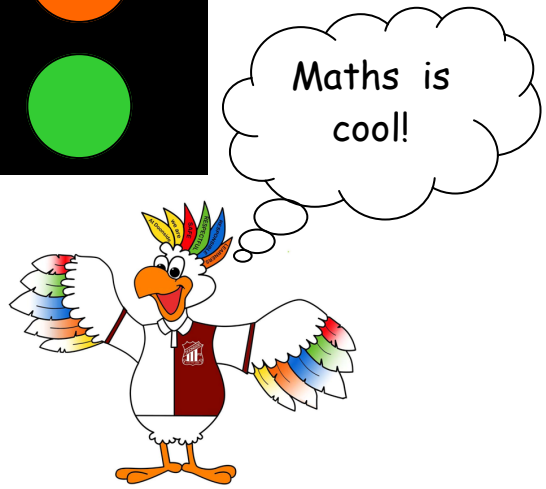
mulitplier — multiplicand — Multiple Or product

3 x 4 = 12

mulitplier — multiplicand — Multiple Or product







prime factor

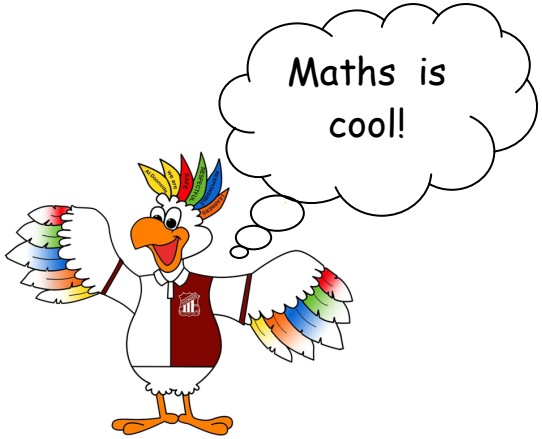
Is a factor that is also a prime number

6x3= 18

3 and 5 are prime factors

5x 8=40

others are 2, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71.....

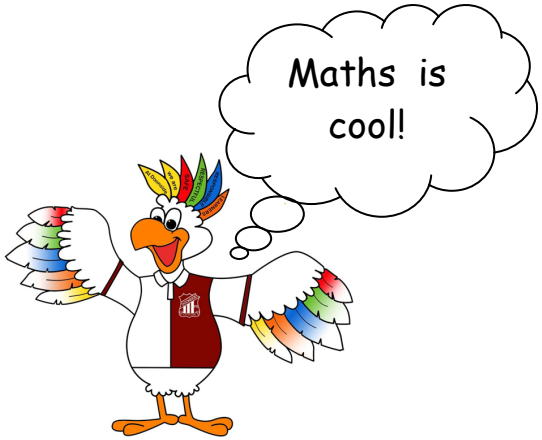


prime number

Has exactly 2 factors it can only be divided exactly by itself and 1

1 is not a prime number because it only has 1 factor

Prime numbers are 2, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71.....



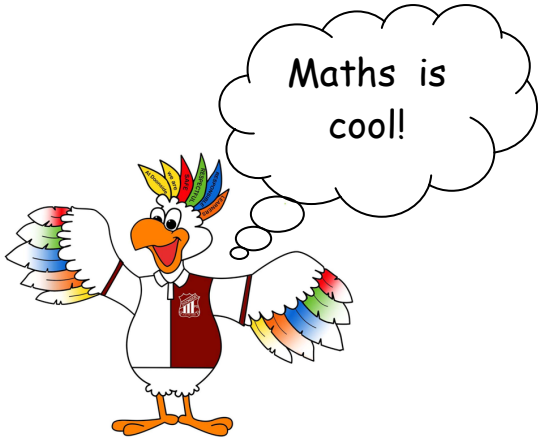
composite number

Is any number with **more than 2** factors

12 is a composite number.
The factors of 12 are
1,2,3,4,6 and 12

20 is a composite number.
The factors of 20 are
1,2,4,5, 10 and 20

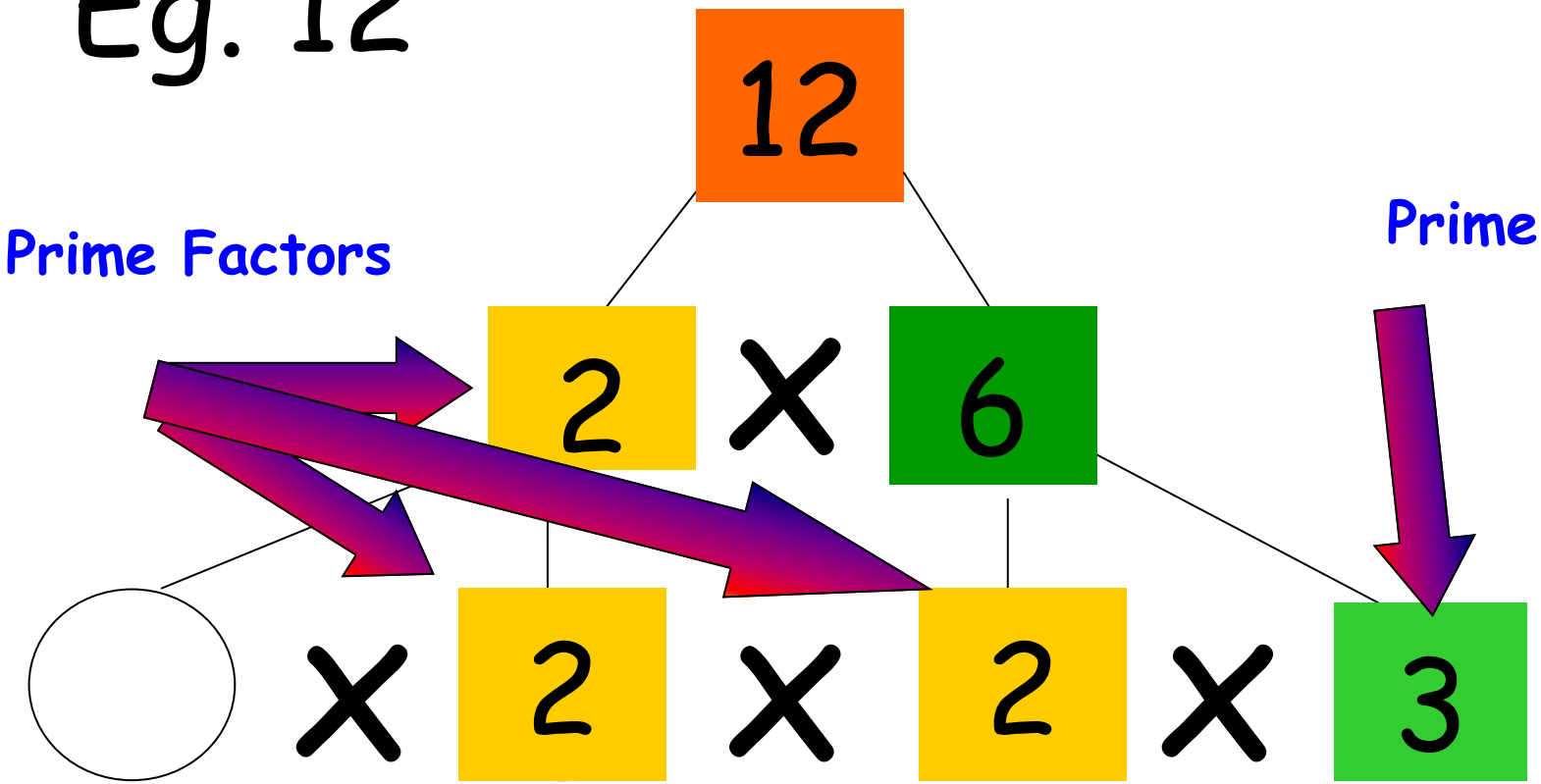
30 is a composite number.
The factors of 30 are
1,2,3,5,6, 10, 15 and 30

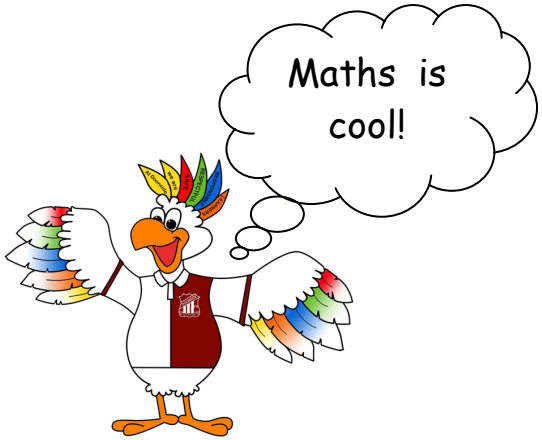


factor tree

A diagram used to identify the prime factors of a composite number

Eg. 12



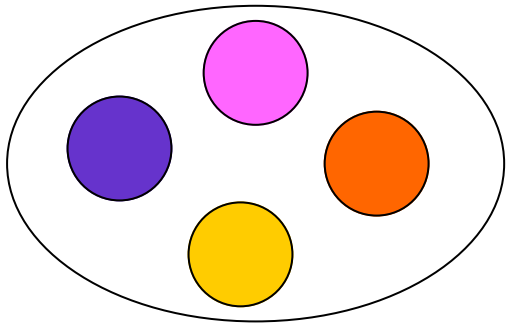


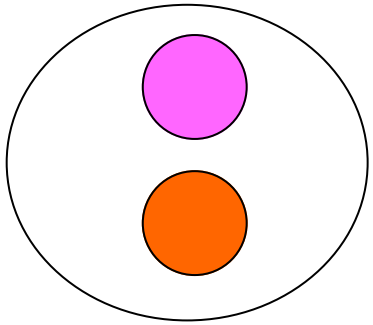
addition

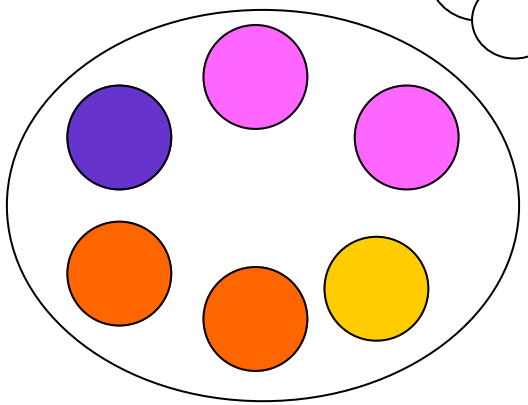
To join two or more numbers to make a new number

$$4 + 2 = 6$$

addend addend Sum or Total





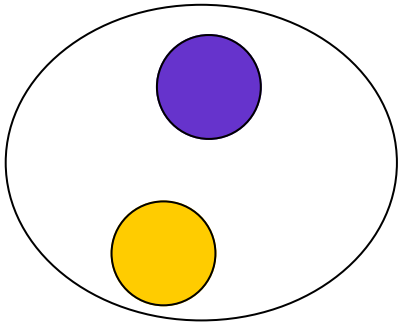


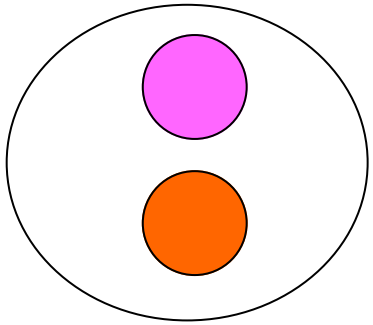
double

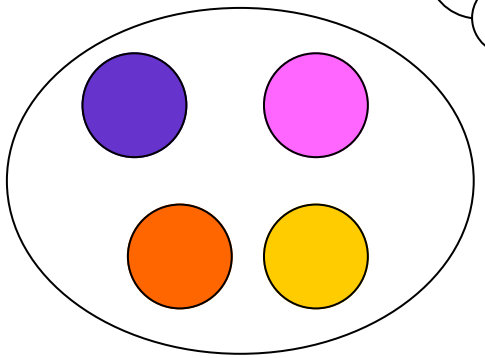
To have twice as much

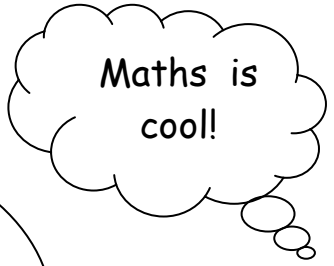
2 + 2 = 4

addend addend Sum or Total









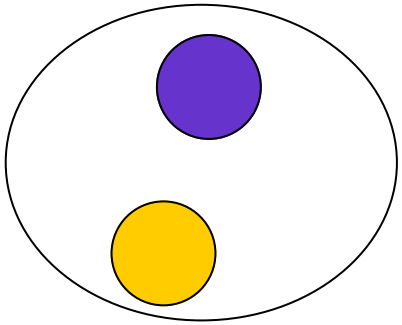
plus

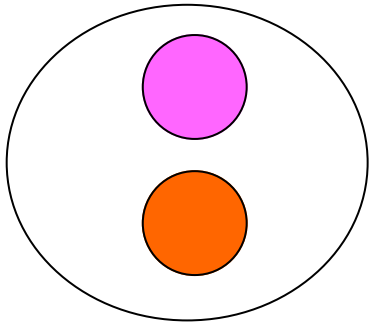
Another word for addition.

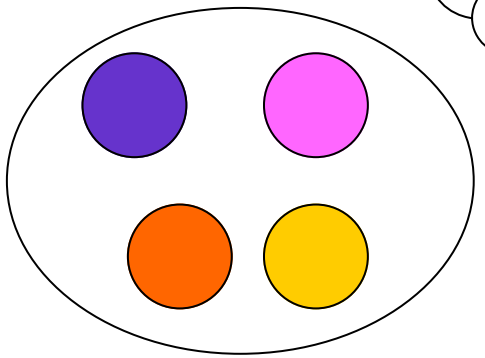
The symbol for addition

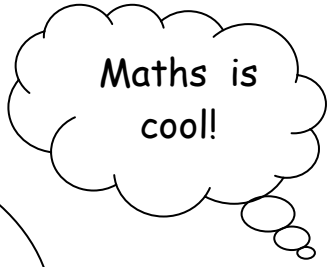
$$2 + 2 = 4$$

addend addend Sum or Total







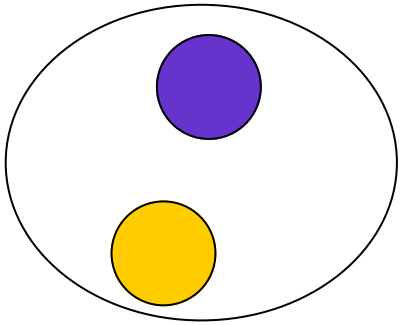


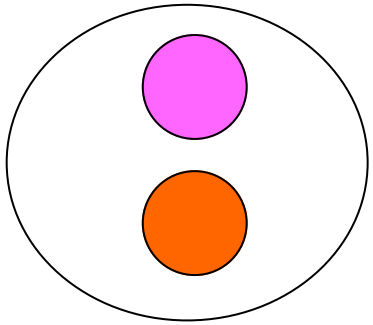
combine/ altogether

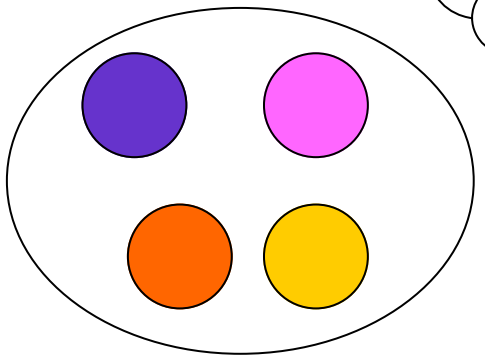
To bring **together** or to **join**

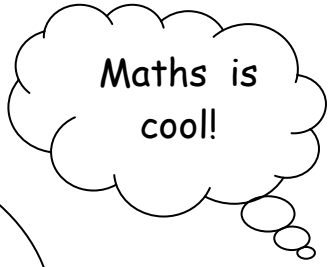
$$2 + 2 = 4$$

addend addend Sum or Total









subtract / take away

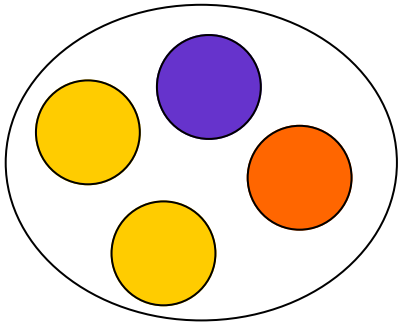
4 subtract 2 means the same as 4 take away 2

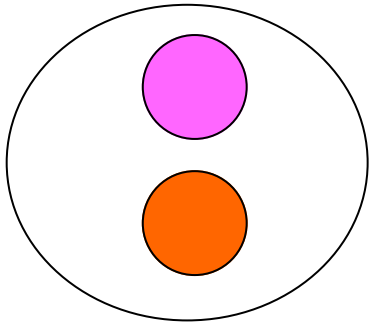
4 - 2 = 2

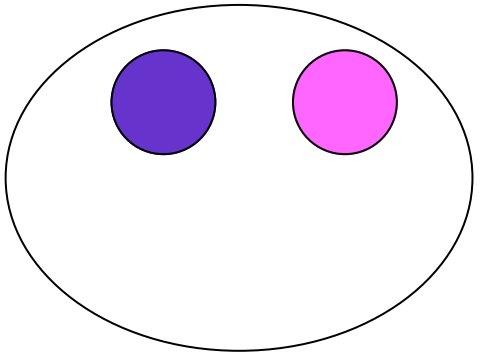
minuend

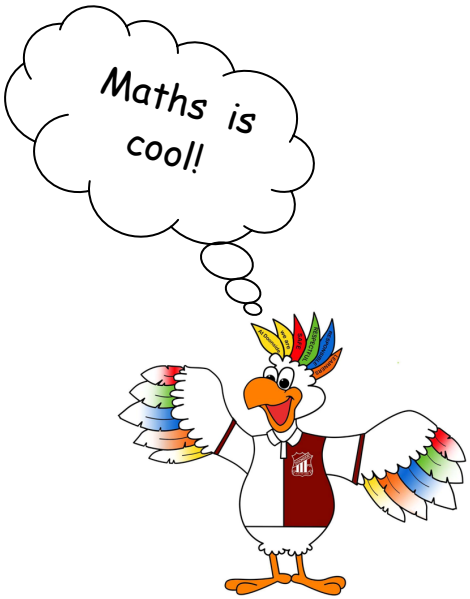
subtrahend

Difference or what is left









deduct/ remove

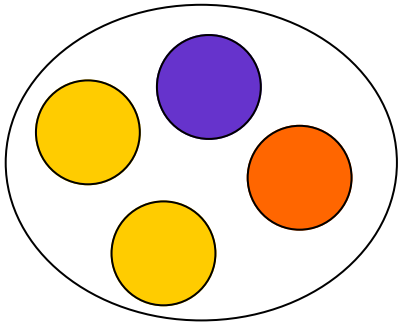
4 deduct 2 means the same as 4 remove 2

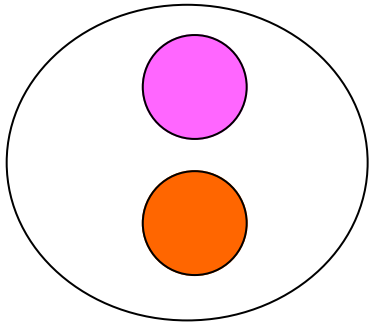
$$4 - 2 = 2$$

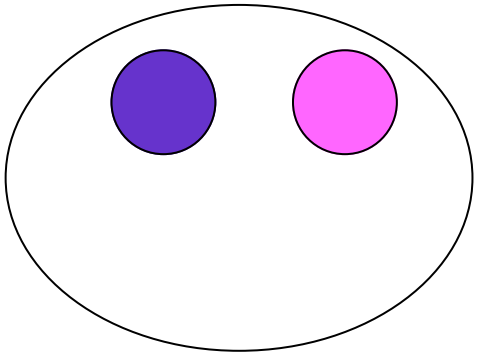
minuend

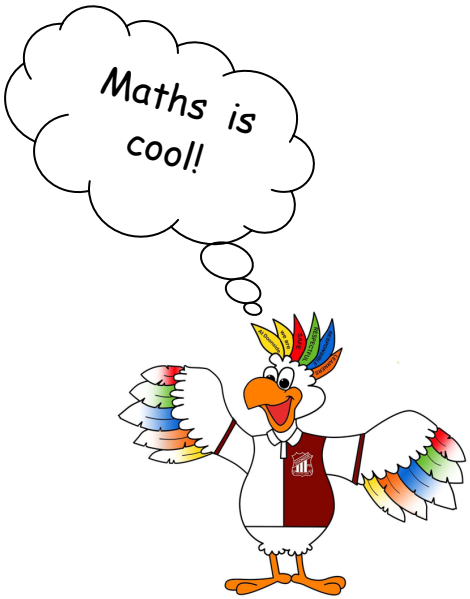
subtrahend

Difference or what is left









difference

What is the difference between 4 and 2

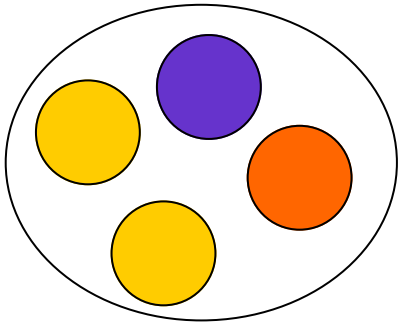
means the same as

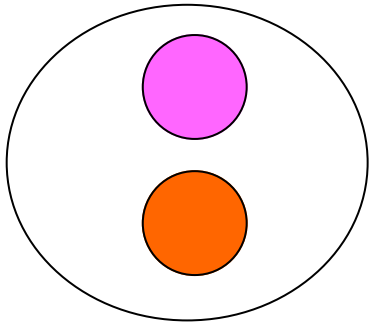
4 - 2 = 2

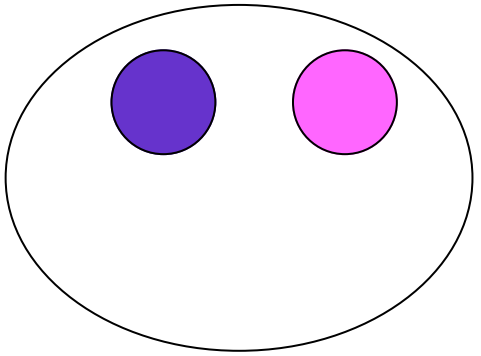
minuend

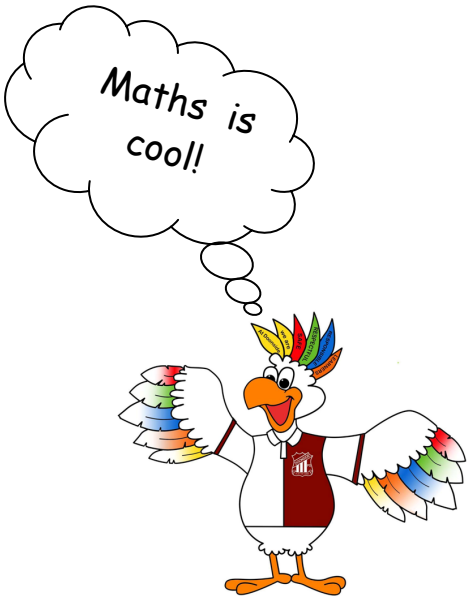
subtrahend

Difference or what is left









less

I have 4 counters, you have 2 less than me.

How many counters do you have?

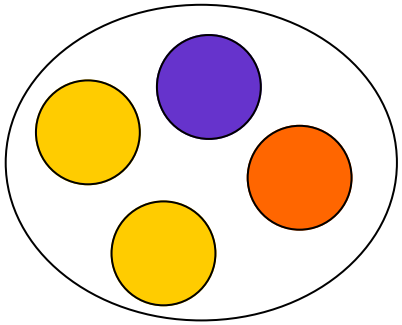
means the same as

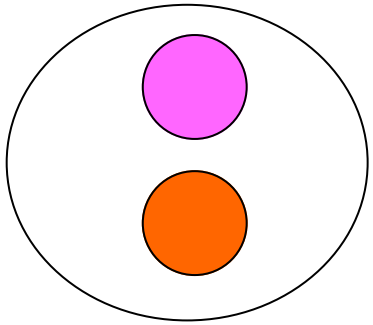
$$4 - 2 = 2$$

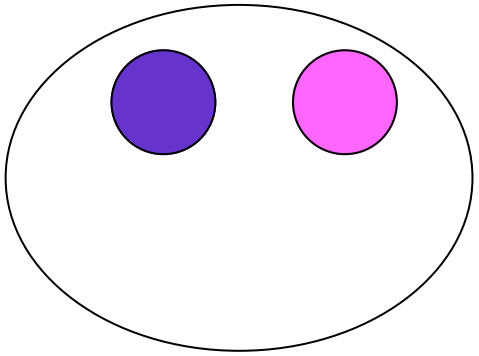
minuend

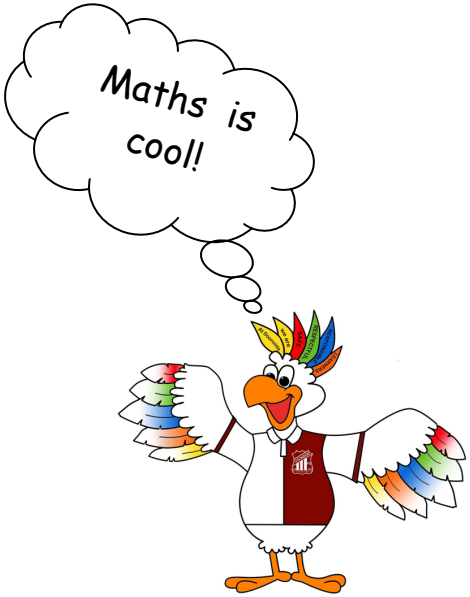
subtrahend

Difference or what is left









minus

4 minus 2 means the same as 4-2=2

It is also the symbol for subtraction

4 − 2 = 2

minuend

subtrahend

Difference or what is left