數字

整數	**Mathematics Vocabulary**
0	zero
2	two
3	three
4	four
5	five
6	six
7	seven
8	eight
9	nine
10	ten
11	eleven
12	twelve
13	thirteen
14	fourteen
15	fifteen
16	sixteen
17	seventeen
18	eighteen
19	nineteen
20	twenty
30	thirty

40	forty
50	fifty
60	sixty
70	seventy
80	eighty
90	ninety
100	one hundred
1,000	one thousand
10,000	ten thousand
100,000	one hundred thousand
1,000,000	one million
1,000,000,000	one billion
1,000,000,000,000	one trillion

分數/小數	**Mathematics Vocabulary**
$\frac{1}{2}$	one half
$\frac{1}{3}$	one third
$\frac{1}{4}$	one fourth/ one quarter
$\frac{1}{5}$	one fifth
$\frac{1}{6}$	one sixth

$\frac{1}{7}$	one seventh
$\frac{1}{8}$	one eighth
$\frac{1}{9}$	one nineth
$\frac{1}{10}$	one tenth
$\frac{1}{11}$	one eleventh
$\frac{1}{12}$	one twelfth
$\frac{1}{100}$	one one-hundredth
$\frac{1}{200}$	one two-hundredth
$\frac{2}{3}$	two thirds
$1\frac{2}{3}$	one and two thirds
0.1	zero point one
0.01	zero point zero one
0.001	zero point zero zero one
2.1	two point one

序數	**Mathematics Vocabulary**
第一	first
第二	second
第三	third

第四	fourth
第五	fifth
第六	sixth
第七	seventh
第八	eighth
第九	nineth
第十	tenth
第十一	eleventh
第十二	twelfth
第十三	thirteenth
第十四	fourteenth
第十五	fifteenth
第二十	twentieth
第三十	thirtieth

位值	**Mathematics Vocabulary**
一	ones
十	tens
百	hundreds
千	thousands
萬	ten thousands
十萬	hundred thousands
百萬	millions
千萬	ten millions

億	hundred millions
十億	billions
百億	ten billions
千億	hundred billions
兆	trillions

註：一般用上述表示數字時並不會以複
數型態呈現；在表示位值時則以複
數形式呈現。

位名	**Mathematics Vocabulary**
個位	ones place
十位	tens place
百位	hundreds place
千位	thousands place
萬位	ten thousands place
億位	hundred millions place
兆位	trillions place
十分位	tenths place
百分位	hundredths place
千分位	thousandths place
萬分位	ten thousandths place

形狀	**Mathematics Vocabulary**
多邊形	polygon
正多邊形	Regular polygon
三角形	triangle
正三角形	equilateral triangle
等腰三角形	isosceles triangle
直角三角形	right triangle
等腰直角三角形	isosceles right triangle
銳角三角形	acute triangle
鈍角三角形	obtuse triangle
三邊不等的三角形	scalene triangle
正方形	square
矩形	rectangle
平行四邊形	parallelogram
菱形	rhombus diamond
梯形	trapezoid
箏形	kite
四邊形	quadrilateral
五邊形	pentagon
六邊形	hexagon
七邊形	heptagon
八邊形	octagon

九邊形	nonagon
圓形	circle
扇形	sector

註：除了正三角形與正方形外，正多邊形為該形狀前加上「regular」，如正五邊形為「regular pentagon」。

形狀	**Mathematics Vocabulary**
角柱	prism
直角柱	right prism
三角柱	triangular prism
正立方體	cube
正四角柱	square prism
四角柱	rectangular prism
五角柱	pentagonal prism
六角柱	hexagonal prism
八角柱	octagonal prism
梯形柱	trapezoidal prism
錐體	pyramid
三角錐	triangular pyramid

四角錐	square pyramid
五角錐	pentagonal pyramid
六角錐	hexagonal pyramid
八角錐	octagonal pyramid
多面體	polyhedron (複數為 polyhedral)
圓柱	cylinder
圓錐	cone
球體	sphere
球體的截面	spheric sections

註：直柱體為角柱前加上「right」，如直
　　五角柱為「right pentagonal prism」；
　　直錐體為該形體前加上「regular」，
　　如正三角錐為「regular triangular
　　pyramid」。

四則運算

加 add/plus

To bring two or more numbers (or quantities) together to make a new total.

例如：$2+3=5$ 讀作 (1) 2 plus 3 is equal to 5，或 2 plus 3 equals 5；(2) 3 added to 2 is equal to 5，或 3 added to 2 equals 5。

加法 addition

The process of calculating the total of two or more numbers or amounts.

加號（+）plus sign

Symbol for addition.

被加數 augend

This is the number to which another number (the addend) is added.

加數 addend

Any of the numbers that are added together.

和 sum/total

The result of adding two or more numbers

減 subtract/minus

To take one number (quantity) away from another.

例如：$9-3=6$ 讀作 (1) 9 minus 3 is equal to 6，或 9 minus 3 equals 6； (2) Subtract 3 from 9 is equal to 6，或 Subtract 3 from 9 equals 6。

減法 subtraction

The process or skill of taking one number or amount away from another.

減號（－）minus sign

A symbol used to show subtraction.

被減數 minuend

The number from which another number is subtracted.

減數 subtrahend

A number or quantity to be subtracted from another

差 difference

The result of subtracting one number from another

乘 multiply by/times

To add a number to itself a particular number of times.

例如：$3 \times 4 = 12$ 讀作 (1) 3 multiplied by 4 is equal to 12，或 3 multiplied by 4 equals 12；(2) 4 times 3 is equal to 12，或 4 times 3 equals 6。

乘法 multiplication

The process of calculating the product of two or more numbers.

乘號（×）multiplication sign

A symbol used to show multiplication

被乘數 multiplicand

The number that is to be multiplied by another.

乘數 Multiplier

A number used to multiply another number

積 product

The result of multiplying numbers together.

除 divide/divide by/divided into

To separate into two or more equal parts, areas, classes, categories, groups or divisions.

例如：6÷3＝2 讀作 (1) 6 divided by 3 is equal to 2，或 6 divided by 3 equals 2；(2) 3 divides 6 is equal to 2，或 3 divides 6 equals 2。

若以情境分，等分除情境 6 個分 3 組，用 6 divided by 3；包含除情境 6 個每 3 個一組，用 6 divided into 3。

除法 division

The process of splitting a number or an amount into equal parts.

除號（÷）division sign

A symbol used to show division

被除數 dividend

A quantity that is to be divided.

商 quotient

The result of dividing one number by another.

除數 divisor

The number by which another number is divided.

餘數 remainder

An amount left over after one number is divided by another.

長除法 long division

Standard procedure suitable for dividing simple or complex multidigit numbers. It breaks down a division problem into a series of easier steps.

短除法 short division

short division is a division algorithm which breaks down a division problem into a series of easier steps. It is an abbreviated form of long division

等分除 Partitive division

a division problem in which we divide a number into a known number of groups.

例如：將 20 枝鉛筆分成 4 等份。

包含除 quotative division

A division problem in which we divide a given number into groups of a measured quantity, and the goal is to find the number of groups.

例如：20 枝鉛筆每 4 枝裝成一袋。