

Learning Objectives

- ❖ To count in multiples of 6, 7 and 9
- ❖ To count in multiples of 25 and 1000
- ❖ To find 1000 more or less than a number
- ❖ To count backwards through zero to include negative numbers
- ❖ To be able to recognise the place value of a four-digit number
- ❖ To order and compare numbers beyond 1000
- ❖ To be able to identify and represent numbers using different representations
- ❖ To estimate numbers using different representations
- ❖ To be able to solve numbers and practical problems
- ❖ To read Roman Numerals to 100 (I to C)

Roman Numerals

I = 1

II = 2

III = 3

IV = 4

V = 5

VI = 6

VII = 7

VIII = 8

IX = 9

X = 10

X = 10

XX = 20

XXX = 30

XL = 40

L = 50

LX = 60

LXX = 70

LXXX = 80

XC = 90

C = 100

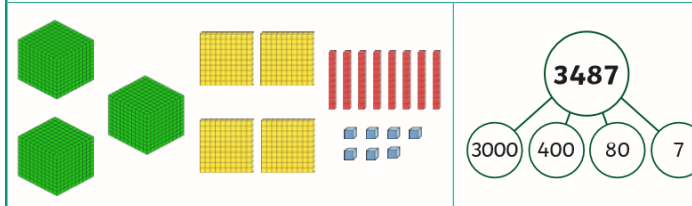
Represent 4-Digit Numbers

3487

three thousand, four hundred and eighty-seven

1000s	100s	10s	1s

Thousands	Hundreds	Tens	Ones

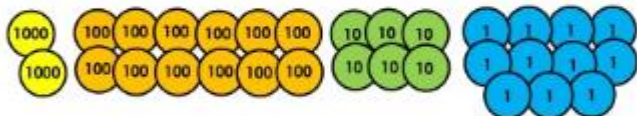


Partitioning

$$3271 = 3000 + 200 + 70 + 1$$



$$3271 = 2000 + 1200 + 60 + 11$$



$$3271 = 3000 + 100 + 170 + 1$$



Four Digit Numbers

Place value helps us know the value of a digit, depending on its place in the number.

TH	H	T	O
4	8	2	5

In the number above, the 4 digit is in the thousands place so it really means 4000.

The 8 digit is in the hundreds place so it really means 800.

The 2 digit is in the tens place so it really means 20.

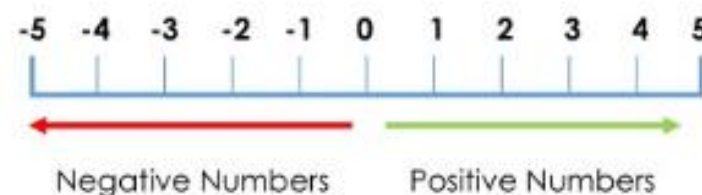
The 5 digit is in the ones place so it means 5.

Negative Numbers

If you count backwards from zero, you reach negative numbers.

Positive numbers are any numbers **more than** zero e.g. 1, 2, 3, 4, 5.

Negative numbers are any numbers **less than** zero e.g. -1, -2, -3, -4, -5.



Key Vocabulary

thousands

hundreds

tens

ones

zeros

place value

greater than

less than

order

round

rounded to

negative number

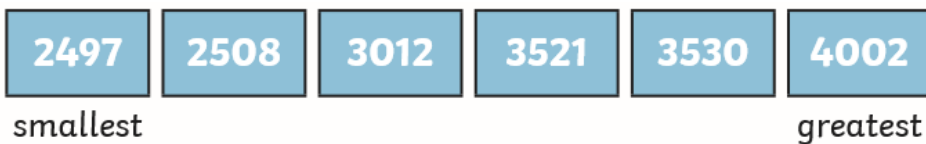
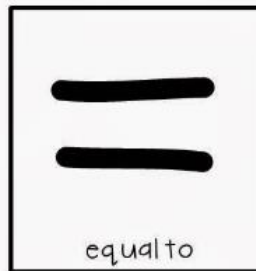
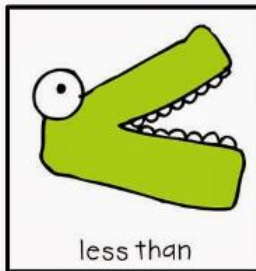
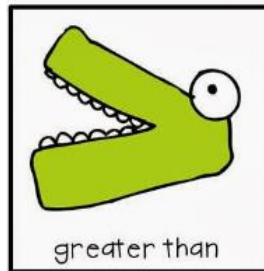
partition

digit

Roman Numeral

increase

decrease

Order and Compare**Rounding**

Look at the place value column to the right of the value you are rounding to. If this digit is a 4 or less, round down. If the digit is a 5 or more, round up.

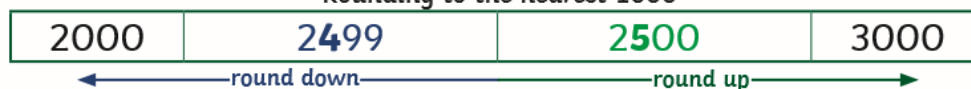
Rounding to nearest 10



Rounding to the nearest 100



Rounding to the nearest 1000

**What I Should Already Know:**

- How to count in multiples of 4, 8, 50 and 100
- How to find 10 or 100 more or less than
- How to recognise the place value of digits in a three-digit number
- How to compare and order numbers up to 1000
- How to estimate numbers using different representations
- How to identify and represent numbers using different representations
- How to read and write numbers up to 1000 in words and numerals
- How to solve number and practical problems

1000 more and 1000 less