

Reading & writing numbers

Numbers can be written in 2 ways -

FIGURES or **WORDS**.

FIGURES use 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 and may even use - and .

Examples include 34, 1063, 0.75, -25

WORDS use letters, and usually take longer to write.

Examples include twelve, seventy-one, one million.

Reading & writing numbers

FIGURES are made up of DIGITS (0, 1, 2, 3, 4, 5, 6, 7, 8, 9) and are usually easy to write, but can be tricky to say or write in WORDS.

In order to put FIGURES into WORDS, we must try to imagine that the number is in a PLACE VALUE table like this one.

Hundred	Ten	Unit

Reading & writing numbers

The number 147 would be written in this way:

Hundred	Ten	Unit
1	4	7

And the number 409 would be written in this way:

Hundred	Ten	Unit
4	0	9

Reading & writing numbers

In order to say our numbers we need to follow a few simple rules.

- If you remember how to write 1 - 20 in words, most of the rest of the numbers are easy.

1 - one	6 - six	11 - eleven	16 - sixteen
2 - two	7 - seven	12 - twelve	17 - seventeen
3 - three	8 - eight	13 - thirteen	18 - eighteen
4 - four	9 - nine	14 - fourteen	19 - nineteen
5 - five	10 - ten	15 - fifteen	20 - twenty

Reading & writing numbers

In order to say our numbers we need to follow a few simple rules.

• Other words you will need to know are:

30 - thirty (not threety) 80 - eighty

40 - forty (not fourty) 90 - ninety

50 - fifty (not fivety) ?00 - ...hundred

60 - sixty ? 000 - ...thousand

70 - seventy ? 000 000 - ...million

Reading & writing numbers

In order to say our numbers we need to follow a few simple rules.

- All TWO-DIGIT numbers higher than 20 have a hyphen in-between them (unless they end with a 0).

45 - forty-five 71 - seventy-one

Watch out for 5 digit numbers!

54 875 - fifty-four thousand, eight hundred and seventy-five

Reading & writing numbers

In order to say our numbers we need to follow a few simple rules.

- If a column has a 0 in it, you don't need to say anything for that column.

500 - Five hundred (not ... **and noughty-nought!**)

603 - Six hundred and three

2007 - Two thousand and seven

Reading & writing numbers

Going back to our table, we can use our rules to name these numbers.

Hundred	Ten	Unit
1	4	7
One hundred	forty	seven

One hundred and forty-seven

Reading & writing numbers

Going back to our table, we can use our rules to name these numbers.

Hundred	Ten	Unit
4	0	9
four hundred		nine

Four hundred and nine

Reading & writing numbers

Have a think about how to write the following numbers:

117 -

591 -

4 921 -

Reading & writing numbers

Did you get it?

117 - One hundred and seventeen

591 -

4 921 -

Reading & writing numbers

Did you get it?

117 - One hundred and seventeen

591 - Five hundred and ninety-one

4 921 -

Reading & writing numbers

Did you get it?

117 - One hundred and seventeen

591 - Five hundred and ninety-one

4 921 - Four thousand, nine hundred and twenty-one.

Reading & writing numbers

How about 23 580 ? How would you attempt this one?

Reading & writing numbers

How about 23 580 ? Think about the place value table, adding other columns as needed.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			

Reading & writing numbers

How about 23 580 ? Put the digits in...

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		2	3	5	8	0

Reading & writing numbers

How about 23 580 ? Work out the WORDS

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		2	3	5	8	0
		Twenty thousand	Three thousand	Five hundred	eighty	

Reading & writing numbers

How about 23 580 ? Try to put them together.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		2	3	5	8	0
		Twenty thousand	Three thousand	Five hundred	eighty	

Twenty thousand and three thousand become

Twenty-three thousand

Reading & writing numbers

How about 23 580 ? Try to put them together.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		2	3	5	8	0
		Twenty-three thousand		Five hundred	eighty	

Remember that there is nothing in the last box!

Reading & writing numbers

How about 23 580 ? Try to put them together.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		2	3	5	8	0
		Twenty-three thousand		Five hundred	eighty	

Our number is:

Twenty-three thousand, five hundred and eighty

Reading & writing numbers

Can you try:

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
	2	5	1	8	5	6
3	6	0	5	0	2	9

Reading & writing numbers

Did you get...

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
	2	5	1	8	5	6
3	6	0	5	0	2	9

Two hundred and fifty-one thousand, eight hundred and fifty-six

and

Three million, six hundred and five thousand and twenty-nine?

Reading & writing numbers

Can you try...?

1 058

12 869

3 010

89 456

725 369

1 256 170

Reading & writing numbers

Remember when we said...

"Numbers can be written in 2 ways -
FIGURES or WORDS."

You can now convert FIGURES into WORDS.

We are now going to look at converting
WORDS to FIGURES.

Reading & writing numbers

A common test question starts with:

"Write in figures..." and then your teacher reads out a number in WORDS.

Here you have to convert WORDS into FIGURES.

Reading & writing numbers

How could we convert
seventeen thousand and three?

Start with thinking about a place value box.

Think about where you can write in numbers.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			

Reading & writing numbers

How could we convert
seventeen thousand and three?

Seventeen uses 2 boxes as it is 17. Seventeen thousand will also use 2 boxes, only further to the left!

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		Seventeen thousand				

Reading & writing numbers

How could we convert
seventeen thousand and three?

Fill in the rest of the numbers.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		Seventeen thousand				three

Reading & writing numbers

How could we convert
seventeen thousand and three?

Try to convert any remaining boxes.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		Seventeen thousand				three
		1	7			3

Reading & writing numbers

How could we convert
seventeen thousand and three?

Fill in the empty boxes with a 0. Remember, we don't need anything in the first 2 boxes.

Million	Hundred	Ten	(Unit)	Hundred	Ten	Unit
	Thousand	Thousand	Thousand			
		Seventeen thousand				three
		1	7	0	0	3

Reading & writing numbers

How could we convert
seventeen thousand and three?

So our number is 17003

We put a space every 3 digits from the right,
starting with the decimal point if there is one.

17 003 or 17,003

(remember, some people put a comma instead!)

Reading & writing numbers

Final skills

- Minus (-) sometimes comes before a number
- If there is a decimal point, we don't use tens, hundreds, thousands, etc to say the numbers after the point, we just list the digits

E.g. 17.456 is seventeen point **four five six**, not

Seventeen point **four hundred and fifty-six**