

Place Value and Number

Pre-School



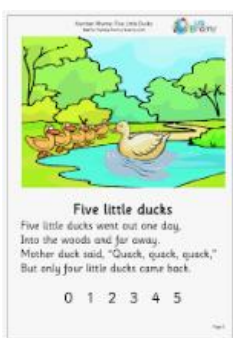
1, 2, 3, 4, 5 Once I Caught a Fish Alive

One, two, three, four five
Once I caught a fish alive.

Six, seven, eight, nine, ten
Then I let it go again.

Why did you let it go?
Because it bit my finger so.

Which finger did it bite?
This little finger on my right.



EYFS



count

0

zero



write
numerals

1

one



match numbers

2

two

3

three

counting

numbers

count

4

four

5

five

6

six

7

seven

8

eight

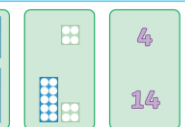
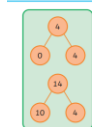
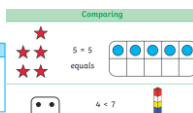
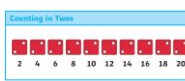
9

nine

10

ten

Year 1



Year 2

2-Digit Numbers

26

twenty

six

20

6

Compare Numbers

36 = 36

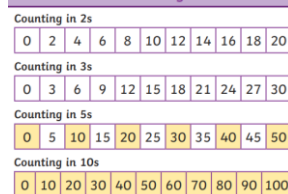
26 < 34

less than

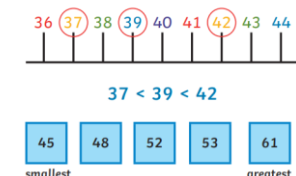
24 > 19

greater than

Counting



Order Numbers



Year 3

3-Digit Numbers

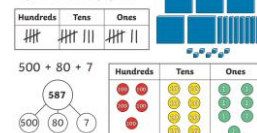
256



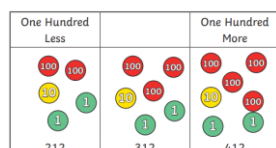
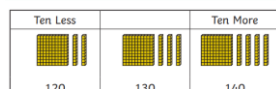
Represent Numbers to 1000

587

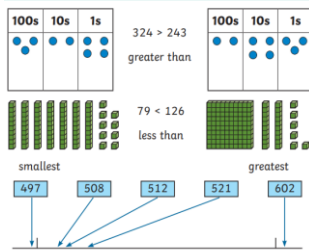
five hundred and eighty-seven



10 and 100 More or Less

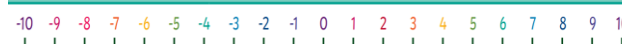


Compare and Order

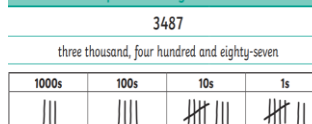


Year 4

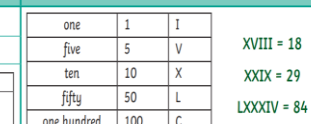
Negative Numbers



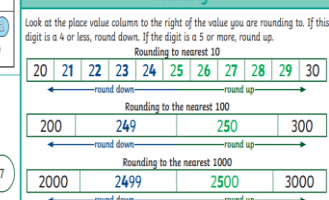
Represent 4-Digit Numbers



Roman Numerals



Rounding



Year 5

Compare and Order

equals

$$26 + 38 = 8 \times 8$$

Both calculations have the value 64.

greater than

$$23\ 873 > 8256$$

The number on the left has 2 ten thousands and the number on the right has 0 ten thousands.

less than

$$901\ 198 < 1\ 091\ 098$$

The number on the right has 1 million and the number on the left has 0 millions.

smallest 898 6735 6835 7019 9002 11 235 greatest

Counting in Powers of 10

Counting in 10s

365 375 385 395 405 415

The tens increase until 9 tens becomes one more hundred and 0 tens.

Counting in 10 000s

276 109 286 109 296 109 306 109

The ten thousands increase until 9 ten thousands become one more hundred thousand and 0 ten thousands.

Counting in 100s

2841 2941 3041 3141 3241 3341

The hundreds increase until 9 hundreds becomes one more thousand and 0 hundreds.

Counting in 100 000s

2 972 151 3 072 151 3 172 151 3 272 151

The hundred thousands increase until 9 hundred thousands becomes one more million and 0 hundred thousands.

Numbers to One Million

926 471

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
9	2	6	4	7	1

nine hundred and twenty-six thousand, four hundred and seventy-one



Year 6

Negative Numbers

$$3 - 8 = -5$$

$$-6 + 11 = 5$$

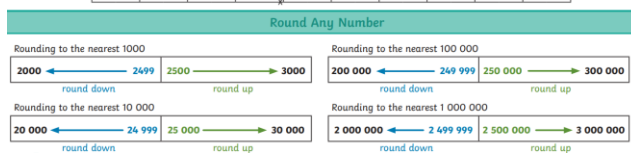
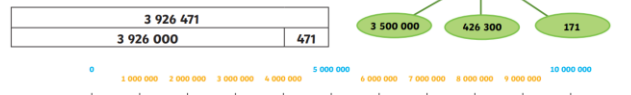


Numbers to Ten Million

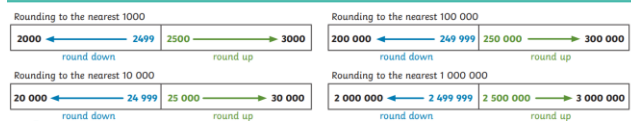
3 926 471

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	9	2	6	4	7	1

three million, nine hundred and twenty-six thousand, four hundred and seventy-one



Round Any Number



Ideas for home

- Pre-School - Sing number rhymes and counting songs.
- EYFS - Sing number rhymes and counting songs. Help lay the table and count the plates, bowls, knives and forks
- Year 1 - Practise counting in 1s forwards and backwards from different numbers Count in 10s from 0. Count in 5s
- Year 2 - Practise counting in 2s, 3s, 5s and 10s (from 0 and any other number) to 100 - forwards and backwards
- Year 3 - Practise counting in 4s, 8s, 50s and 100s. Write numbers to 100 in numerals and words
- Year 4 - Practise counting in 6s, 7s, 9s, 25s and 1000s (from different starting points)
- Year 5 - Count on/back in equal steps (e.g. 25, 100, 0.1, 0.2), including beyond zero. Round any three or four digit number to the nearest 10, 100 or 1000.
- Year 6 - Count on/back in steps of 25, 0.2, 0.25, 0.5... Count on/back in steps of 0.1, 0.2, 0.25, 0.5. and then back. Round whole numbers to the nearest 10, 100, 1000.