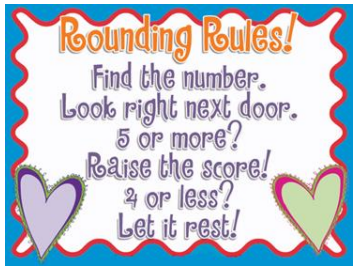
Year 5 Maths – Autumn Term 1 – Number and Place Value

Previously learned Number and Place Value Vocabulary	
thousand	derive
round	factor
roman numerals	factor pairs
negative	

Year 5 Number and Place Value Vocabulary	
million(s)	prime
linear sequence	prime factor
power(s)	composite
equivalence	

Read and write numbers to at least 1 000 000

Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

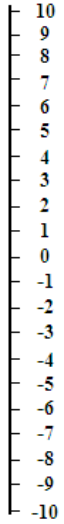


Identify 7 digit numbers and the place value of each digit

Order and compare 7 digit numbers

equals	greater than	less than
26 + 38 = 8 × 8 Both calculations have the value 64.	23 873 > 8256 The number on the left has 2 ten thousands and the number on the right has 0 ten thousands.	901 198 < 1 091 098 The number on the right has 1 million and the number on the left has 0 millions.

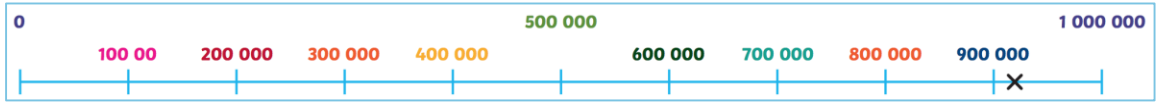
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero



Read roman numerals to 1000 (M) and recognise years written in Roman numerals.

I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1,000
XX	20	MD	1,500

Counting in 100,000s to get to 1,000,000 (a million)



Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000

Example: $10^3 = 10 \times 10 \times 10 = 1{,}000$

- In words: 10^3 could be called "10 to the third power", "10 to the power 3"