Autumn Term 1- Y6 Maths - Number and Place Value

Previously Learned Vocabulary	
Millions (y5)	Round/ rounding (y4)
Negative (y4)	Integers (y3)
Equivalence (y5)	
New Vocabulary	
Ten million	Interval

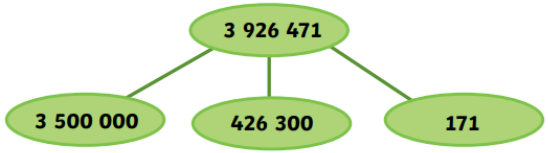
Read and write numbers up to ten million

3 926 471

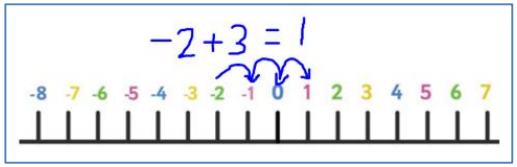
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	9	2	6	4	7	1

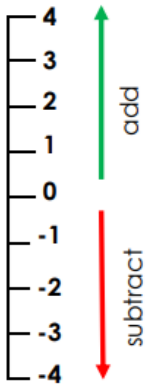
3 926 471	
3 926 000	471

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



Negative numbers in context





When we add a positive number to a negative number, we count upwards towards zero.

-2 + 5 = 3

When we subtract a positive number from a negative, we count down away from zero.

-1 – 3 = -4

Compare and order numbers up to ten million

equals	greater than	less than
26 + 38 = 8 × 8	223 873 > 98 256	901 198 < 1 091 098
Both calculations have the value 64.	The number on the left has 2 hundred thousands and the number on the right has 0 hundred thousands.	The number on the right has 1 million and the number on the left has 0 millions.

Round any whole number to a required degree of accuracy

Rounding to the nearest 1000

2000 ←	2499	2500 →	3000
round down		round up	

Rounding to the nearest 100 000

200 000 ←	249 999	250 000 →	300 000
round down		round up	

Rounding to the nearest 10 000

20 000 ←	24 999	25 000 →	30 000
round down		round up	

Rounding to the nearest 1 000 000

2 000 000 ←	2 499 999	2 500 000 →	3 000 000
round down		round up	