

Number and Place Value – Year 5

Knowledge Organiser

Key Vocabulary

Compare and Order

millions

thousands

hundreds

tens

ones

zero

place value

greater than

less than

order

round

rounded

negative number

partition

digit

interval

sequence

linear sequence

equals

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

Both calculations have the value 64.

greater than

$$23\ 873 > 8256$$

The number on the left has 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

Negative Numbers



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

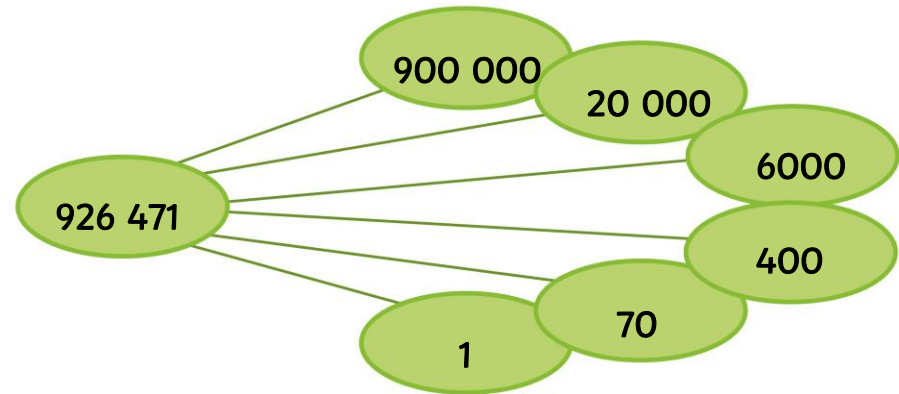
The hundred thousands increase until 9 hundred thousand becomes one more million and 0 hundred thousands.

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



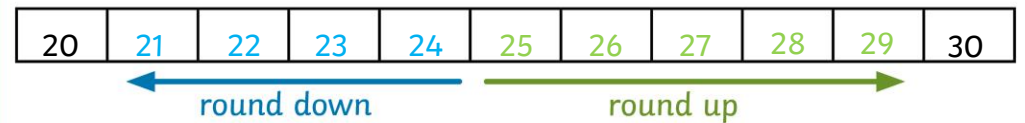
Roman Numerals

	I = 1	II = 2	III = 3	
IV = 4	V = 5	VI = 6	VIII = 7	VIII = 8
IX = 9	X = 10	XI = 11	XX = 20	XXX = 30
XL = 40	L = 50	LX = 60	LXX = 70	LXXX = 80
XC = 90	C = 100	CL = 150	CC = 200	CCC = 300
CD = 400	D = 500	DC = 600	DCC = 700	DCCC = 800
CM = 900	M = 1000	MC = 1100	MD = 1500	MM = 2000

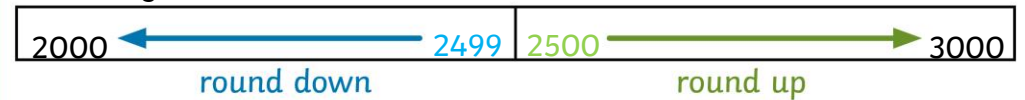
CCXLVIII = 248 DCCLXXXIV = 748 MMXIX = 2019

Rounding

Rounding to the nearest 10



Rounding to the nearest 1000



Rounding to the nearest 100 000

