



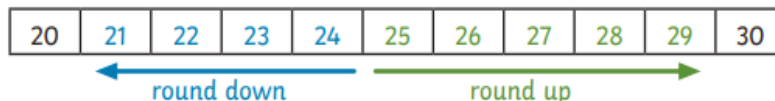
Year 5 – Maths - Place Value

Key vocabulary

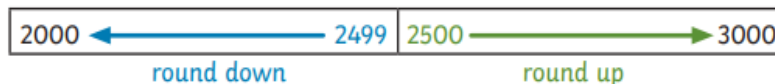
millions
thousands
hundreds
tens
ones
zero
place value
greater than
less than
order
round
rounded
negative number
partition
digit
interval
sequence
linear sequence

Rounding

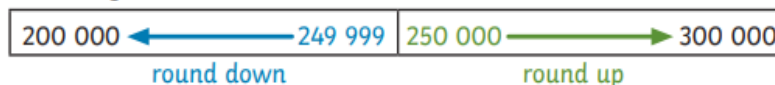
Rounding to the nearest 10



Rounding to the nearest 1000



Rounding to the nearest 100 000



Counting

Counting in 10s

365	375	385	395	405	415
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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
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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
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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
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The hundred thousands increase until 9 hundred thousands becomes one more million and 0 hundred thousands.

Roman numerals

	I = 1	II = 2	III = 3	
IV = 4	V = 5	VI = 6	VII = 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

Key questions

What is greater/less than?
 Can you round ____ to the nearest 10? 1000? 100,000?
 My number in Roman Numerals is _____. How did I make it?
 Can you order the following numbers?
 Find 15 less than 2.



Year 5 – Maths – Place Value

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

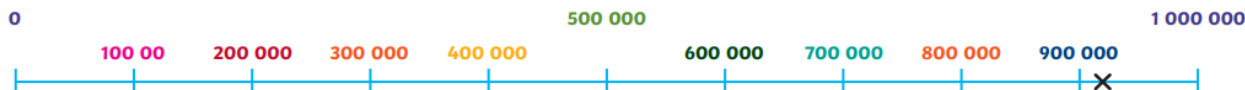
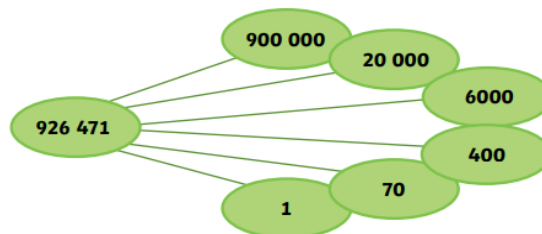
Numbers to one million



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



Links to other learning

Year 4 - Count in multiples of 6, 7, 9, 25 and 1,000; Find 1,000 more or less than a given number; Count backwards through 0 to include negative numbers; Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s); Order and compare numbers beyond 1,000; Identify, represent and estimate numbers using different representations; Round any number to the nearest 10, 100 or 1,000; read Roman numerals to 100 (I to C)

Year 6 - Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit; Round any whole number to a required degree of accuracy; Use negative numbers in context, and calculate intervals across 0

Negative numbers

