



YEAR 5 MATHS: NUMBER AND PLACE VALUE 2026-2027

Number and Place Value		Knowledge Organiser																
Key Vocabulary	Compare and Order																	
millions	equals	greater than		less than														
thousands	$26 + 38 = 8 \times 8$	$23\,873 > 8256$		$901\,198 < 1\,091\,098$														
hundreds	Both calculations have the value 64.	The number on the left has 2 ten thousands and the number on the right has 0 ten thousands.		The number on the right has 1 million and the number on the left has 0 millions.														
tens																		
ones																		
zero																		
place value	smallest	898	6735	6835	7019	9002	11 235	greatest										
greater than																		
less than																		
order																		
round	Negative Numbers																	
rounded																		
negative number	Counting in Powers of 10																	
partition	Counting in 10s			Counting in 100s														
digit	<table><tr><td>365</td><td>375</td><td>385</td><td>395</td><td>405</td><td>415</td></tr></table>			365	375	385	395	405	415	<table><tr><td>2841</td><td>2941</td><td>3041</td><td>3141</td><td>3241</td><td>3341</td></tr></table>			2841	2941	3041	3141	3241	3341
365	375	385	395	405	415													
2841	2941	3041	3141	3241	3341													
interval	The tens increase until 9 tens becomes one more hundred and 0 tens.			The hundreds increase until 9 hundreds becomes one more thousand and 0 hundreds.														
sequence	Counting in 10 000s			Counting in 100 000s														
linear sequence	<table><tr><td>276 109</td><td>286 109</td><td>296 109</td><td>306 109</td></tr></table>			276 109	286 109	296 109	306 109	<table><tr><td>2 972 151</td><td>3 072 151</td><td>3 172 151</td><td>3 272 151</td></tr></table>			2 972 151	3 072 151	3 172 151	3 272 151				
276 109	286 109	296 109	306 109															
2 972 151	3 072 151	3 172 151	3 272 151															
	The ten thousands increase until 9 ten thousands become one more hundred thousand and 0 ten thousands.			The hundred thousands increase until 9 hundred thousands becomes one more million and 0 hundred thousands.														
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Number and Place Value

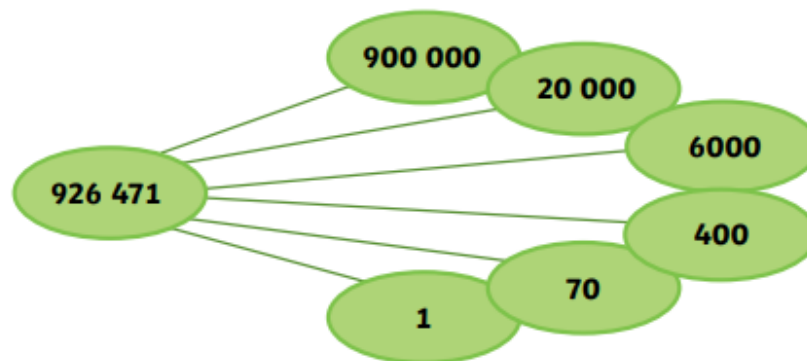
Knowledge Organiser

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	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



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CCXLVIII = 248

DCCLXXXIV = 784

MMXIX = 2019

Rounding

Rounding to the nearest 10



Rounding to the nearest 1000



Rounding to the nearest 100 000

