

'I WILL SHINE'

Place Value I

Prior learning

Let's activate my long-term memory!
In Y4, I learnt to...

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a number
- count backwards through zero to include negative numbers
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000
- solve number problems
- read Roman numerals to 100 (I to C)

Key vocabulary

What words will I use in this unit?
Have I heard any before?
ones tens hundreds thousands
ten thousands hundred thousands
million round order
compare sequence

Tools and drawings

Which tools and drawing might I use to support my learning?

PV grid Dienes
PV counters number lines
PV arrow cards bar model
part-whole (cherry diagram)

Current learning

In this unit, I will learn how to...

- Represent numbers up to 10,000
- Round to the nearest 10, 100 and 1000
- Represent numbers up to 100,000
- Compare and order numbers to 100,000
- Round numbers within 100,000
- Read, write and represent numbers to 1,000,000
- Count in 10s, 100s, 1000s, 10,000s and 100,000s
- Compare and order numbers to one million
- Round numbers to one million
- Understand negative numbers
- Recognise Roman numerals to 1,000

Knowledge Organiser

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

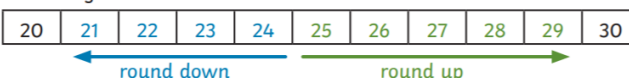
Roman Numerals

	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

CCXLVIII = 248 DCCLXXXIV = 784 MMXIX = 2019

Rounding

Rounding to the nearest 10



Rounding to the nearest 1000



Rounding to the nearest 100 000



Negative Numbers

