In maths we are learning about...

Arnold View Primary School
Aspire Believe Achieve

Number and Place Value — Knowledge Organiser

Key Vocabulary

- thousands
- hundreds
- tens
- ones
- zero
- place value
- greater than
- less than
- order
- round
- rounded to
- negative number
- partition
- digit
- Roman numeral

Counting

Counting in 6s

0	6	12	18	24	30	36	42	48	54	60

Counting in 7s

0	7	14	21	28	35	42	49	56	63	70

Counting in 9s

0	9	18	27	36	45	54	63	72	81	90

Counting in 25s

0	25	50	75	100	125	150	175	200	225	250

Counting in 1000s

0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10 000

Compare and Order

Th	H	T	O
● ● ●	● ● ●	● ●	● ● ●

4324 > 3243
greater than

Th	H	T	O
● ● ●	● ●	● ● ●	● ● ●

879 < 2126
less than

2497	2508	3012	3521	3530	4002

smallest — greatest

1000 More or 1000 Less

Number and Place Value — Knowledge Organiser

Negative Numbers

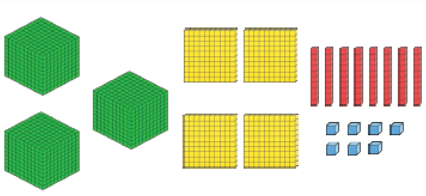
Represent 4-Digit Numbers

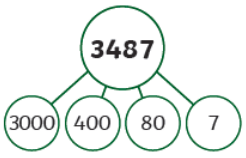
3487

three thousand, four hundred and eighty-seven

1000s	100s	10s	1s
III	IIII	IIII III	IIII II

Thousands	Hundreds	Tens	Ones
1000 1000 1000	100 100 100	10 10 10 10 10 10 10	1 1 1 1 1 1 1





Roman Numerals

one	1	I
five	5	V
ten	10	X
fifty	50	L
one hundred	100	C

XVIII = 18
XXIX = 29
LXXXIV = 84

Rounding

Look at the place value column to the right of the value you are rounding to. If this digit is a 4 or less, round down. If the digit is a 5 or more, round up.

Rounding to nearest 10

20	21	22	23	24	25	26	27	28	29	30

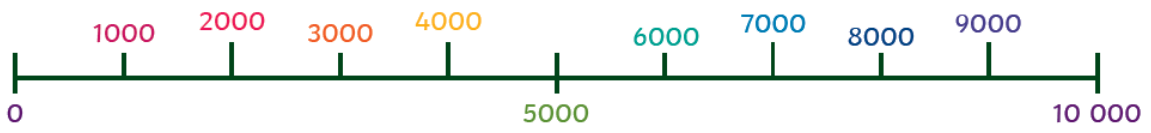
round down — round up

Rounding to the nearest 100

200	249	250	300

round down — round up

Rounding to the nearest 1000

2000	2499	2500	3000

round down — round up