Number and Place Value

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

1000 Less — 1212

2212

1000 More — 3212

Number and Place Value

Negative Numbers

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

Represent 4-Digit Numbers

3487

three thousand, four hundred and eighty-seven

1000s	100s	10s	1s
|||	||||	₩₩ |||	₩₩ ||

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

3487
3000 400 80 7
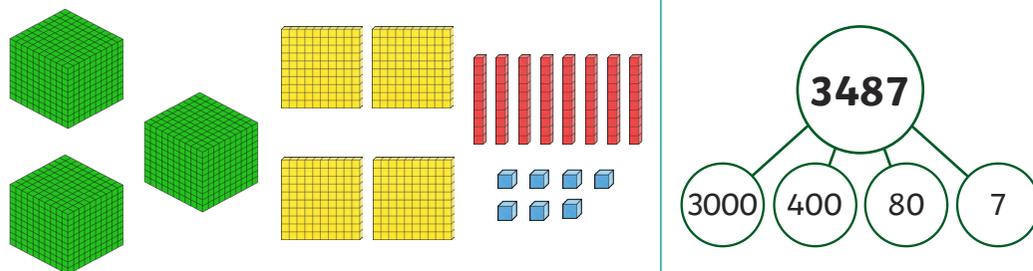
Roman Numerals

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

XVIII = 18
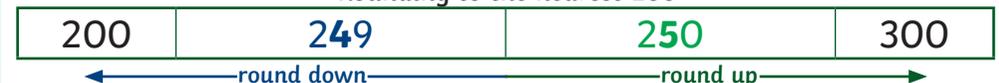
XXIX = 29

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

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