

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
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Counting in 7s

0	7	14	21	28	35	42	49	56	63	70
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Counting in 9s

0	9	18	27	36	45	54	63	72	81	90
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Counting in 25s

0	25	50	75	100	125	150	175	200	225	250
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Counting in 1000s

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

1000 More or 1000 Less

Th	H	T	O

4324 > 3243
greater than

Th	H	T	O

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879 < 2126
less than

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2497
smallest

2508

3012

3521

3530

4002
greatest

1000 Less		1000 More
1212	2212	3212

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Negative Numbers



Represent 4-Digit Numbers

3487

three thousand, four hundred and eighty-seven

1000s	100s	10s	1s

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
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round down → round up →

Rounding to the nearest 100

200	249	250	300
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round down → round up →

Rounding to the nearest 1000

2000	2499	2500	3000
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round down → round up →

