Year 4 Place Value

Key Vocabulary

- represent
- numerals
- multiples
- more than >
- less than (fewer) <
- ones
- tens
- hundreds
- **thousands**
- place value
- digit
- 2- digit
- 3-digit
- 4-digit
- ascending
- descending
- **negative numbers**
- **Roman Numerals**
- **rounding**

Counting in Multiples

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	10000

Negative Numbers

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

1000 More and 1000 Less

231   1231   2231

1000 less ← → 1000 more
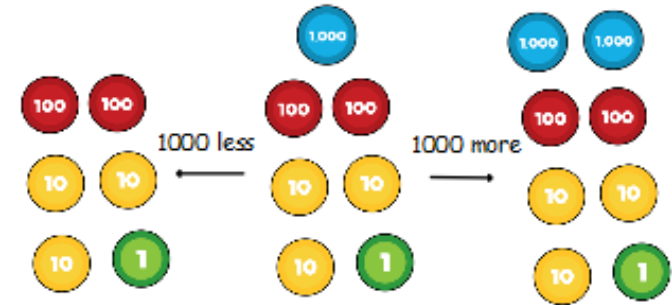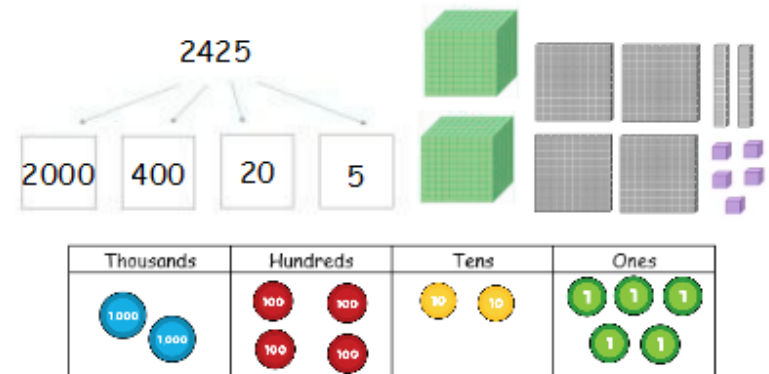
Remember the ones, tens and hundreds stay the same when working out 1000 more or less.

Representing 4-digit Numbers

2425   two thousand, four hundred and twenty-five

2425

2000	400	20	5

Thousands	Hundreds	Tens	Ones

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Comparing Numbers

Thousands	Hundreds	Tens	Ones

Thousands	Hundreds	Tens	Ones

2334 > 2251

When comparing these numbers, the thousands are the same so we look at the hundreds. 3 hundreds **is greater** than 2 hundreds so **2334 > 2251**.

Roman Numerals

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

XVI = 16
XXXIX = 39
LXVII = 67
CLXVIII = 168

Remember how you represent 4 and 9...
4 = IV
9 = IX

Rounding

When rounding you need to look at the place value column to the right of the number you are rounding to.
If it is **4 or below** you **round down**, **5 or above** you **round up**.

Rounding to the nearest 10
30 ⟵ 33   35 ⟶ 40
round down   round up

Rounding to the nearest 100
100 ⟵ 149   150 ⟶ 200
round down   round up

Rounding to the nearest 1000
1000 ⟵ 1499   1500 ⟶ 2000
round down   round up

Ordering Numbers

3254	3577	4635	4698	5876

The numbers above are in **ascending** order.

Descending order means from **largest to smallest**.
Ascending order means from **smallest to largest**.