



Year 4 – Maths - 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

Rounding

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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 the 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 →

Roman numerals

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

XVIII = 18

XXIX = 29

LXXXIV = 84

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Counting

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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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Key questions

What is 1000 more than/less than ____?
Can you round ____ to the nearest 10? 100? 1000?

Tell me what ____ is in Roman Numerals.
Can you order the following numbers?
Count forwards in 6s, starting from ____

Count backwards in 7s, starting from ____



Year 4 – Maths – Place Value

Compare and order

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Th	H	T	O
4 3 2 1	3 2 1 0	2 1 0 9	1 0 9 8

4324 > 3243
greater than

Th	H	T	O
2 1 0 9	1 0 9 8	0 9 8 7	9 8 7 6

879 < 2126
less than

2497	2508	3012	3521	3530	4002
smallest					greatest

Links to other learning

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Year 3 - Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number; Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s); Compare and order numbers up to 1,000; Identify, represent and estimate numbers using different representations; Read and write numbers up to 1,000 in numerals and in words.

Year 5 - Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit; Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000; Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0; Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000; Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals

1000 more or less

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1000 Less		1000 More
1212	2212	3212

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	10 10 10 10	1 1 1 1
3000	400	80	7

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