

Maths Knowledge Organiser—Year 4

Place Value



Key Knowledge:

Key Vocabulary:

- Thousands
- Hundreds
- Tens
- Ones
- Zero
- Partition
- Place value
- Greater than
- Less than
- Order
- More
- Less
- Partition
- Digit
- Round
- Roman numeral

Represent 4-Digit Numbers

3487
three thousand, four hundred and eighty-seven

1000s	100s	10s	1s

Thousands	Hundreds	Tens	Ones

3487

3000 400 80 7

Roman Numerals

one	1	I	XVIII = 18 XXIX = 29 LXXXIV = 84
five	5	V	
ten	10	X	
fifty	50	L	
one hundred	100	C	

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

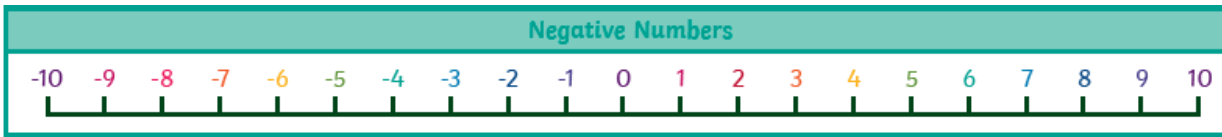
20	21	22	23	24	25	26	27	28	29	30
← round down					round up →					

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 →	



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
---	------	------	------	------	------	------	------	------	------	--------

1000 More or 1000 Less

1000 Less		1000 More
1212	2212	3212

Compare and Order

Th	H	T	O

4324 > 3243
greater than

Th	H	T	O