

Year 4 Maths - Autumn Term 1 - Number and Place Value

Previously learned Number and Place Value Vocabulary

hundreds	multiple
integer (s)	decimal (s)
inverse operations	one thousand
one hundred and one	one hundred and two
one hundred and three	remainder

Year 4 Number and Place Value Vocabulary

thousand	derive
round	factor
roman numerals	factor pairs
negative	

Count in multiples of 6, 7, 9, 25 and 1000.

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

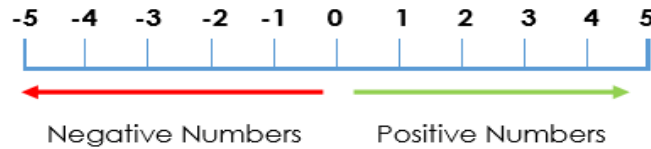
Recognise the place value of each digit in a 4 digit number.

Th	H	T	O	t	h	th
Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
1000	100	10	1	0.1	0.01	0.001

Read Roman numerals to 100.

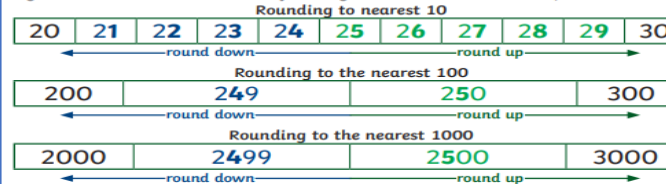
one	1	I	XVIII = 18 XXIX = 29 LXXXIV = 84
five	5	V	
ten	10	X	
fifty	50	L	
one hundred	100	C	

Count backwards through 0 including negative numbers.

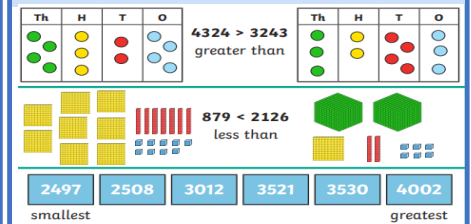


Rounding to the nearest 10, 100 and 1000.

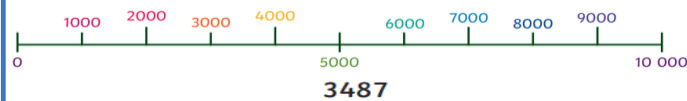
Look at the place value column to the right of the value you are rounding to. If this digit is a 4 or less, round down. If the digit is a 5 or more, round up.



Order and compare numbers beyond 1000.



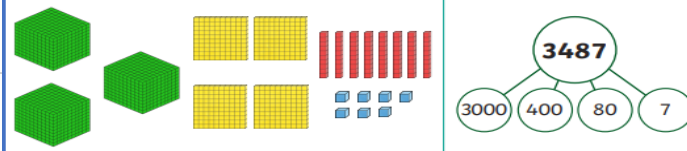
Identify, represent and estimate numbers.



three thousand, four hundred and eighty-seven

1000s	100s	10s	1s

Thousands	Hundreds	Tens	Ones
●●●	●●● ●●●	●●● ●●● ●●● ●●●	●●● ●●● ●●●



Solve number and practical problems using place value.

1. $\begin{array}{|c|c|c|} \hline 2 & 6 & 7 \\ \hline \end{array} = \begin{array}{|c|} \hline 200 \\ \hline \end{array} + \begin{array}{|c|} \hline 60 \\ \hline \end{array} + \begin{array}{|c|} \hline 7 \\ \hline \end{array}$

2. $\begin{array}{|c|c|c|} \hline 1 & 2 & 4 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

3. $\begin{array}{|c|c|c|} \hline 8 & 2 & 4 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

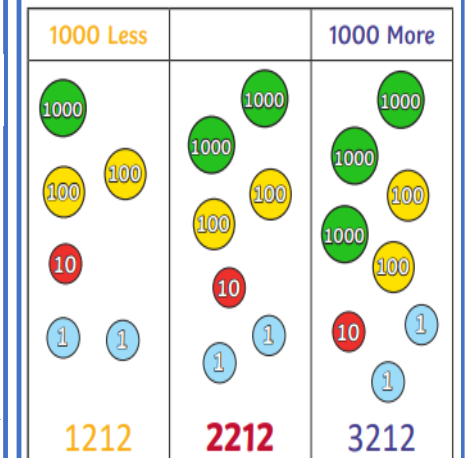
4. $\begin{array}{|c|c|c|} \hline 2 & 1 & 3 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

541

5 hundreds	500 + 40 + 1
4 tens	= 541
1 ones	

_____ hundreds _____ + _____ + _____
 _____ tens = _____
 _____ ones _____

Find 1000 more or less than a given number.



Thousands Th	Hundreds H	Tens T	Ones O

ones
1

tens
10

hundreds
100

thousands
1 000