

Year 5

Block 1

Unit: Place Value

Key Vocabulary:

millions	thousands	hundreds	tens	ones	zero
place value	greater than	less than	order	round	partition
digit	interval	sequence	roman numeral	negative numbers	

What will I know by the end of this unit?

Negative numbers:

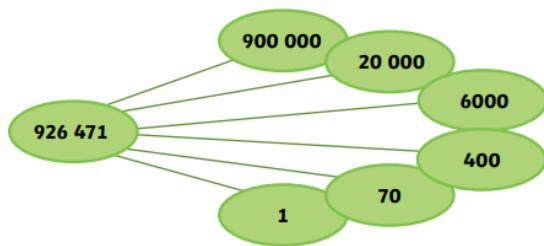


Read and write numbers to 1,000,000:

926,471

Nine hundred and twenty-six thousand, four hundred and seventy-one.

HTH	TTH	T	H	T	O
9	2	6	4	7	1



Compare and Order numbers to 10,000:

Equals:

$$26 + 38 = 8 \times 8$$

Greater than:

$$23,873 > 8,256$$

Less than:

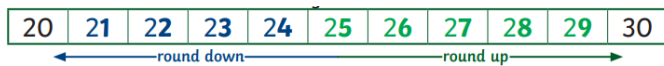
$$901,198 < 1,091,098$$

898	6735	6835	7019	9002	11 235
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smallest

biggest

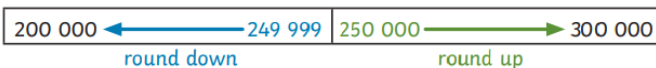
Round to nearest 10:



Round to nearest 1,000:



Round to nearest 100,000:



Rule: Underline the digit and look in the next column. If it is 5 or above, add one more. If it is 5 or below, the digit stays the same. Everything after the digit is a zero.

$$3\underline{5}9,394 \rightarrow 360,000$$

Roman Numerals:

	I = 1	II = 2	III = 3	
IV = 4	V = 5	VI = 6	VII = 7	VIII = 8
IX = 9	X = 10	XI = 11	XX = 20	XXX = 30
XL = 40	L = 50	LX = 60	LXX = 70	LXXX = 80
XC = 90	C = 100	CL = 150	CC = 200	CCC = 300
CD = 400	D = 500	DC = 600	DCC = 700	DCCC = 800
CM = 900	M = 1000	MC = 1100	MD = 1500	MM = 2000

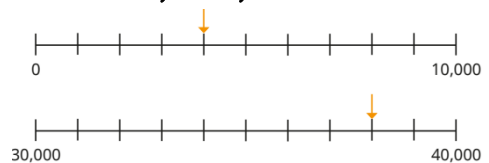
$$\overset{\text{XX}}{\text{XIX}} = 29$$

20 ← 1 less than 10

$$\overset{\text{LXXX}}{\text{LXXXIV}} = 84$$

80 ← 1 less than 5

Number line to 1,000,000:



Powers of 10:

The tens increase until 9 tens become one more hundred and 0 tens.

- 365 375 385 395 405 415