



Place Value

Knowledge

- Numbers to 10,000
- Numbers to 100,000
- Numbers to 1,000,000

Skills

- Roman numerals to 1000
- Round to nearest 10, 100 and 1000
- Compare and order numbers to 100,000
- Round numbers within 100,000
- Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s
- Compare and order numbers to one million
- Round numbers to one million
- Negative numbers

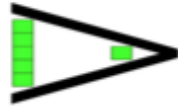
Vocabulary

Millions, hundred thousands, ten thousands, thousands, hundreds, tens, ones, zero, place value, greater than, less than, equal to, ascending, descending, compare, order, round, rounded to, partition, digit, integer, Roman Numerals, negative number, sequence

Compare and Order Numbers

Ascending order - smallest to greatest.
Descending order - largest to smallest.

Greater Than



Less Than



Equal to



We look at the digit in the ones column when comparing the numbers. If they are the same, we compare the digits in the next column.

Counting in Powers of 10

Counting in 10s

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

Counting in 100s

The hundreds increase until 9 hundreds become one more thousand and 0 hundreds.

Counting in 1,000s

The thousands increase until 9 thousands become one more ten thousand and 0 thousands.

Counting in 10,000s

The ten thousands increase until 9 ten thousands become one more hundred thousand and 0 ten thousands.

Rounding

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.

524 → 520

435 → 400

M Millions	HTH Hundred thousands	TTH Ten thousands	TH Thousands	H Hundreds	T Tens	O Ones
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Place Value Grid

Negative Numbers



I = 1	L = 50	M = 1000	XL = 40	CM = 900	XI = 11	DCCC = 800
V = 5	C = 100	IV = 4	XC = 90	II = 2	LX = 60	MD = 1500
X = 10	D = 500	IX = 9	CD = 400	VI = 6	CL = 150	MM = 2000

Roman Numerals