

Whole-number place value

Millions through ones, with powers of ten and a filled example.

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
10^6	10^5	10^4	10^3	10^2	10^1	10^0
1	2	3	4	5	6	7

Example: 1,234,567

Each digit sits in one place-value column; moving one column left multiplies its value by 10.

Decimal place value

A filled reference for 1,234.567, aligned through thousandths.

Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
10^3	10^2	10^1	10^0	.	10^{-1}	10^{-2}	10^{-3}
1	2	3	4	.	5	6	7

Example: 1,234.567

The decimal point separates ones from tenths. Each step to the right divides the place value by 10.

Blank place value practice

Write one digit in each column. Use the decimal point column when needed.

Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths