

Decimal place value



Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
100	10	1	and	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
3	4	6	.	5	0	7
		0	.	8	0	4
	2	5	.	0	6	

Say it out loud

346.507 three hundred forty-six **and** five hundred seven thousandths

0.804 eight hundred four thousandths

25.06 twenty-five **and** six hundredths

Why there is no "oneths"

The ones column is the mirror. Hundreds and hundredths sit the same distance out, tens and tenths the same — so the ones have nothing on the other side to reflect into.

Going right, each column is a tenth of the one before. Going left, each is ten times it. Same rule, read two ways.