

Constructing Decimal Numbers

Number	Decimal Place Value Chart														Expanded form	
	Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Units	Decimal Point	Tenths	Hundredths	Thousandths	Ten thousandths	Hundred thousandths	Millionths		
425					4	2	5	.								$4 \times 100 + 2 \times 20 + 5 \times 1$
Decimal Number															Expanded form	
0.52							0	.	5	2						$\frac{5}{10} + \frac{2}{100}$
2.439							2	.	4	3	9					$2 + \frac{4}{10} + \frac{3}{100} + \frac{9}{1000}$
Number															Written Numeral	
5 hundredths								.	0	5						0.05
$16 + \frac{6}{10} + \frac{6}{100}$						1	6	.	6	6						16.66
Number															Oral form	
0.8							0	.	8							Zero point eight
14.103						1	4	.	1	0	3					Fourteen point one zero three