

Place Value System

Place Value System													
Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths	Ten-thousandths	Hundred-thousandths	Millionths
Whole part							.	Decimal part					
M	HTh	TTh	Th	H	T	O	.	t	h	th	tth	hth	m

	Fraction Form	Decimal Form							
Tenth	$\frac{1}{10}$	0	.	1					
Hundredth	$\frac{1}{100}$	0	.	0	1				
Thousandth	$\frac{1}{1000}$	0	.	0	0	1			
Ten-Thousandth	$\frac{1}{10000}$	0	.	0	0	0	1		
Hundred-Thousandth	$\frac{1}{100000}$	0	.	0	0	0	0	1	
Millionths	$\frac{1}{1000000}$	0	.	0	0	0	0	0	1

4 Operations

Calculate Work out Evaluate				
Inverse operations	+	Add Plus Sum Total	×	Multiply Lots of Product
	−	Subtract Take Difference	÷	Divide Share Quotient

Ascending = increasing in size

Descending = decreasing in size

Stem & Leaf diagrams

14	9	←	Minimum value
15	9		
16	4 7 8 8 9 9		
17	0 1 2 3 3 3 6 7 9 9		
18	1 2 3 3 4 5 6 6 8		
19	1 2		
20	1	←	Maximum value
Key: 15 9 means 159		←	KEY

Range = maximum − minimum

Median ~ middle value of an ordered list

Mode / Modal value ~ most frequently occurring item