What are Decimals?

Fractions with 10, 100, 1000 as denominators are called **decimal fractions**.

Example: $\frac{4}{10}, \frac{9}{100}, \frac{5}{1000}$ are decimal fractions.

We can write $\frac{7}{10}$ as 0.7. We read it as zero point seven.

We can write $15\frac{5}{10}$. We read it as fifteen point five.

Here are examples of some decimal numbers placed in a place value chart.

Decimal Number	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
76.48		70	6	$\frac{4}{10}$	$\frac{8}{100}$	
545.624	500	40	5	$\frac{6}{10}$	$\frac{2}{100}$	$\frac{4}{1000}$