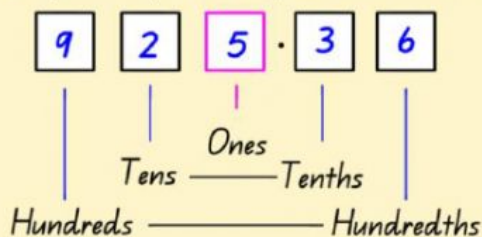A decimal is a numeral in the decimal number system.

- A decimal can represent a fraction.
  For example: $\frac{3}{10}$ as a decimal is 0.3

- A decimal can represent a whole number and a fraction.
  For example: $4\frac{3}{10}$ as a decimal is 4.3

0.3 and 4.3 are both decimals.

Look at the number 925.36

Can you see the symmetrical pattern to the place names around the ones place?

The decimal point separates the whole numbers from the fractional numbers.

0.3 = -----   0.03 = -----

1.5 = ---   1.05 = ----

34.6 = ---   34.06 = ---

30.1 = ---   3.01 = ---

5.60 = $\frac{---}{10}$ 6.40 = $\frac{---}{10}$

Thousands			Ones				Parts of one	
---	---	---	---	---	---	---	tenths	hundreths
H	T	O	H	T	O	.	t	h
						.		
						.		
						.		
						.		
						.		
						.		

Three and seven tenths

Fourteen and one hundredth

Seventy-five and two tenths

Eighty and nineteen hundredths

Fifty-five and seven tenths

Two thousand and eight and one tenth

Write as a decimal

thirty-six tenths

forty-five hundredths

seven and two hundredths

thirty-eight tenths

five hundred and sixteen hundredths

five hundred and sixteen tenths