

2. Is the Denominator a factor of 10, 100, 1000...?

Why is this important? Because our entire numbering system is based on:

Place Value

...and Place Value is based on the Decimal System (Base 10 system)

The value of where a digit is in the number

Example1 In 352, the 5 is in the "tens" place.

Example2 In 17.591, the 9 is in the "hundredths" place.

All "Whole Numbers" end with a decimal..so, where is the decimal in:



2 things to remember about decimals:

1. Just because you don't see it, doesn't mean it's not there. All whole numbers end with a decimal. It's just not common to put it down...but it's there.
2. The decimal point is what separates the **"Whole"** numbers from their **"Fractional Parts"**.

Example3 24.67 Pronounced "Twenty-Four **AND** Sixty-Seven Hundredths"
 or
 "Twenty-Four **Point** Sixty Seven"
 whole part decimal point fraction

Example4 $\frac{3}{10} = 0.3 =$ "three tenths"

Thousands	Hundreds	Tens	Units	tenths	hundredths	thousandths