

Fractions and Decimals - Place Value

Fraction or Mixed Number		Place Value - Decimal to Fraction					
		hundreds	tens	ones	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
$\frac{9}{10}$	➔				9		
$32\frac{78}{100}$	➔		3	2	7	8	
$401\frac{839}{1000}$	➔	4	0	1	8	3	9
$26\frac{7}{100}$	➔		2	6	0	7	
$172\frac{301}{1000}$	➔	1	7	2	3	0	1

Example: Write the mixed number $26\frac{7}{100}$ in decimal form.

- Write the **whole number to the left** of the decimal point. ●
- The **number of zeros** in the denominator is the **number of places** we will have to the right of the decimal. ●
- Write the **numerator to the right** of the decimal point.
Fill in a zero to the left of this number if needed. ●

➔

2 6 . 0 7

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