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Place Value Notes

Larger \leftarrow \bullet \rightarrow Smaller

ones	Decimal Point	Tenths	Hundredths	Thousandths	Ten thousandths
$\frac{1}{1}$	\bullet	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$
$\underline{\underline{1.0}}$		$0.\underline{\underline{1}}$	$0.\underline{\underline{01}}$	$0.\underline{\underline{001}}$	$0.\underline{\underline{0001}}$
10^0		10^{-1}	10^{-2}	10^{-3}	10^{-4}

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Translate Numbers

Decimal

Words

Fraction

0.004 → Four thousandths → $\frac{4}{1000}$ * there are 3 decimal places

1.2 → One and two tenths → $1\frac{2}{10}$

0.421 → Four hundred twenty-one thousandths → $\frac{421}{1000}$

Don't write "and" because there is no decimal

0.220 → Twenty Two hundredths → $\frac{22}{100}$

* End zero. ~~change~~ ^{delete} change the number

↳ You don't need to write it