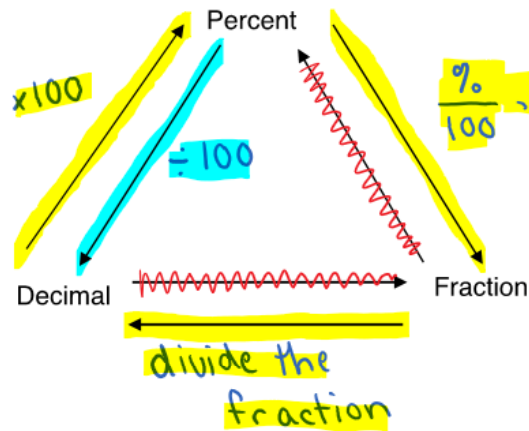


Fractions, Decimals, and Percents

Fractions, decimals, and percents can be used to represent numbers.

To convert between fractions, decimals, and percent, the following diagram might be helpful:



ex) $\frac{1}{4} = 0.25 = 25\%$

@ To change from fraction to percent ... change to decimal first.

@ To change from decimal to fraction ... change to percent first.

Example

Fraction (lowest terms)	Decimal	Percent
$\frac{16}{5}$ $\xrightarrow{16 \div 5}$	3.2	$\xrightarrow{\times 100}$ 320%
$\frac{64}{100} = \frac{16}{25}$	0.64	$\xleftarrow{\div 100}$ 64%
$\frac{0.45}{100} = \frac{45}{10000} = \frac{9}{2000}$	0.0045	0.45%

Percent units MUST have a % sign after them.



Practice the following:

Required - Page 135 #4 - 9, 11, 12

Optional (challenge yourself!!!) - Page 136 #13, 21

Outcome:

N3 - Demonstrate an understanding of percents greater than or equal to 0%