

8/19

FDP foldable

un convert decimals, fractions and percents.

Fraction



Decimal

Fraction



Percent

Decimal



Fraction

Decimal



Percent

Percent



Decimal

Percent



Fraction

$$\frac{1}{8} = 1 \div 8 = 0.125$$

NUMERATOR \uparrow
 \div
DENOMINATOR \downarrow

NUMERATOR
 \div
DENOMINATOR

$$\frac{1}{4} = 1 \div 4 \times 100 =$$

25%

$$.125$$

\uparrow 10
 \uparrow 100
 \uparrow 1000

$$\frac{125}{1000}$$

1. identify place value of last digit
2. place value becomes the denominator
3. remove decimal and put the # as the numerator

$$\times 100$$

$$.125 \times 100 = 12.5\%$$

OR
move decimal 2 places to the right \rightarrow

$$.125 \xrightarrow{2} = 12.5\%$$

$$29\%$$

$$29 \div 100 = 0.29$$

$$29 \div 100 = 0.29$$

\uparrow 1
 \uparrow 2

$$\div 100$$

remove the %

OR

move decimal 2 places to the left \leftarrow

1. turn the % into a decimal

2. Follow the decimal \rightarrow fraction rules

$$33.5\%$$

$$33.5 \xrightarrow{2} = 335$$

\uparrow 1
 \uparrow 2

$$= \frac{335}{1000}$$