

CONVERT DECIMALS TO PERCENT

WE SIMPLY MULTIPLY THE DECIMAL BY
100

IN OTHER WORDS, MOVE THE DECIMAL
OVER TO THE RIGHT TWO DECIMAL
PLACES

$$.3 = 30\% \quad .30 \rightarrow 30.0\%$$

$$.47 = 47\% \quad .47 \rightarrow 47.0\%$$

$$3.823 = 382.3\%$$

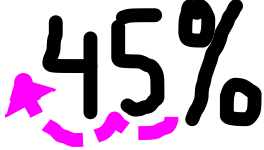
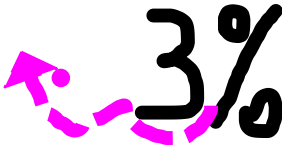

$$.05 = 5\%$$

$$.017 = 1.7\%$$

CONVERT PERCENT TO DECIMALS

WE SIMPLY DIVIDE THE PERCENT BY 100

IN OTHER WORDS, WE MOVE THE DECIMAL
OVER TO THE LEFT TWO DECIMAL PLACES.

$45\% = .45$	
$3\% = .03$	
$685\% = 6.85$	

CONVERT DECIMAL TO FRACTIONS

- understand the place values to the right of the decimal

tenths

$$.4 \quad \frac{4}{10} = \frac{2}{5} \quad \text{simplify}$$

hundredths

$$.67 \quad \frac{67}{100}$$

thousandths

$$.932 \quad \frac{932}{1000} = \frac{466}{500} = \frac{233}{250}$$

ten thousandths

$$.4352 \quad \frac{4352}{10000} = \frac{2676}{5000}$$

$$\frac{1338}{2500} = \frac{669}{1250}$$