

52A

IXL L3

Compare $\%$, $\frac{a}{b}$, decimals① Percent $\rightarrow$ Decimals

$18\% = .18$

$3\% = .03$

$210\% = 2.10$

 $(\div \text{ by } 100)$ Move the decimal
2 places to left

② Decimal to Fraction

$.18 = \frac{18}{100} = \frac{9}{50}$

$.03 = \frac{3}{100}$

$.1 = \frac{1}{10}$

$.375 = \frac{375}{1000} = \frac{3}{8}$

the # is the numerator

denominator is the

place value of the

last digit (10, 100, 1000, ...)

N/D $\rightarrow$ n/d simp enter

★ Simplify

③ Percent $\rightarrow$ Fraction

$18\% = .18 = \frac{18}{100} = \frac{9}{50}$

$3\% = .03 = \frac{3}{100}$

change $\%$ to a

decimal, then

change decimal to fraction

④ Decimal $\rightarrow$ Percent

$.18 = 18\%$

$.03 = 3\%$

$2.10 = 210\%$

 $(\times \text{ by } 100)$ Moving the decimal
2 places to the
right

⑤ Fraction $\rightarrow$ Decimal

$$\frac{9}{50} = 9 \div 50 = .18$$

$$\frac{1}{10} = 1 \div 10 = .1$$

$$\frac{3}{100} = 3 \div 100 = .03$$

divide the
numerator
by the
denominator

⑥ Fraction $\rightarrow$ Percent

$$\frac{9}{50} = .18 = 18\%$$

$$\frac{1}{10} = .1 = 10\%$$

$$\frac{3}{100} = .03 = 3\%$$

change the fraction
to decimal,
then a decimal
to a percent

	Fraction	Decimal	Percent
①	$\frac{80}{100} = \frac{8}{10} = \frac{4}{5}$	.80 or .8	80%
②	$\frac{2}{5}$	.4	40%
③	$\frac{63}{100}$	.63	63%
④	$\frac{114}{100} = 1\frac{1}{50}$	1.14	114%
⑤	$\frac{3}{4}$	.75	75%
⑥	$\frac{8}{100} = \frac{2}{25}$	.08	8%

Name : _____

Score : _____

Teacher : _____

Date : _____

Converting Between Percents, Decimals, and Fractions

Convert Decimal to Percent

$0.18 =$

$0.07 =$

$0.64 =$

$0.72 =$

$0.3 =$

$0.51 =$

Convert Percent to Decimal

$36 \% =$

$76 \% =$

$19 \% =$

$61 \% =$

$5 \% =$

$52 \% =$

Convert Decimal to Fraction

$0.12 =$

$0.06 =$

$0.18 =$

$0.89 =$

$0.94 =$

$0.87 =$

Convert Fraction to Decimal

$\frac{28}{50} =$

$\frac{13}{25} =$

$\frac{23}{25} =$

$\frac{8}{10} =$

$\frac{38}{50} =$

$\frac{9}{10} =$

Convert Fraction to Percent

$\frac{12}{25} =$

$\frac{34}{50} =$

$\frac{42}{50} =$

$\frac{8}{25} =$

$\frac{14}{20} =$

$\frac{16}{25} =$

Convert Percent to Fraction

$11 \% =$

$33 \% =$

$8 \% =$

$63 \% =$

$76 \% =$

$61 \% =$



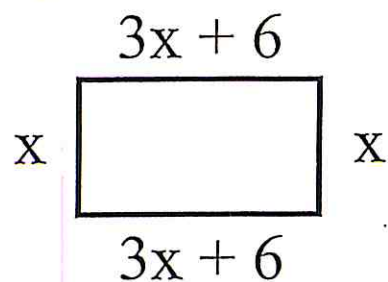
FRACTIONS-DECIMALS-PERCENT

Name _____

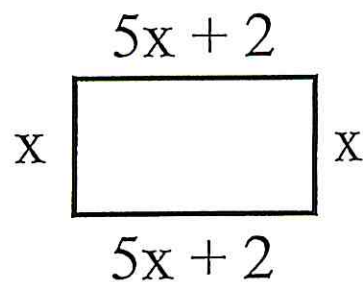
Decimal	Fraction	Percent
		18%
		28%
		78%
		96%
		50%
	$\frac{3}{10}$	
	$\frac{2}{5}$	
	$\frac{1}{4}$	
	$\frac{11}{20}$	
	$\frac{1}{5}$	
0.35		
0.75		
0.8		
0.04		
0.65		

HW Due 1/27

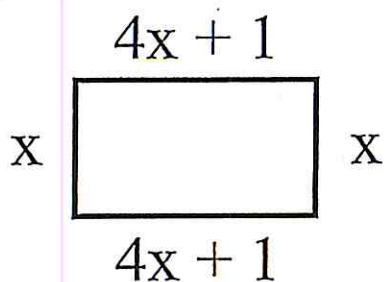
Perimeter?



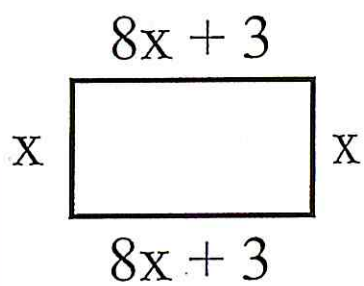
Perimeter?



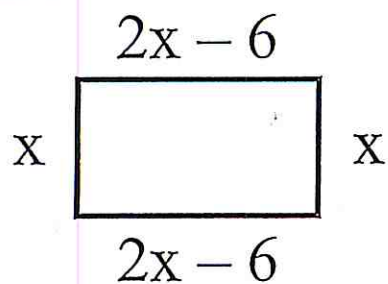
Perimeter?



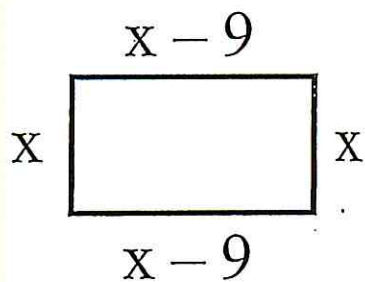
Perimeter?



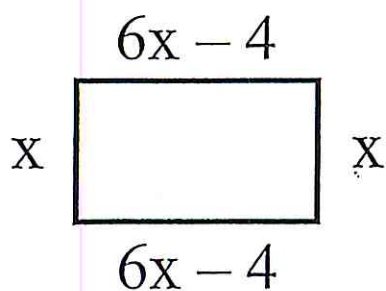
Perimeter?



Perimeter?



Perimeter?



Perimeter?

