
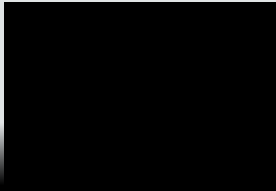


MasterMath

NUMBER SENSE

Compare and Order Fractions, Decimals, and Percents





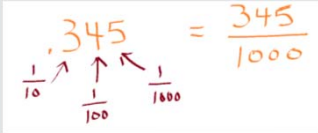
Compare and Order Fractions, Decimals




Translating a fraction to a decimal:

$$\frac{4}{5} = 4 \div 5 = .8$$

Translating a decimal to a fraction:



Compare and Order Fractions, Decimals




Translating a decimal to a percentage:

$$.62 \times 100 = 62\%$$
$$.62 = 62\%$$

(Percent means per 100)

Translating a fraction to a percent:

$$\frac{1}{2} = \frac{1 \times 50}{2 \times 50} = \frac{50}{100} = 50\%$$
$$\frac{3}{5} = 3 \div 5 = .60 = 60\%$$


Compare and Order Fractions, Decimals

Translating a percentage to a decimal:

$$38\% = .38$$
$$\frac{38\%}{100} = \frac{38}{100} = .38$$

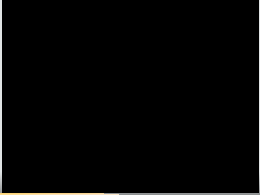
Translating a percentage to a fraction:

$$42\% = \frac{42}{100} = \frac{21}{50}$$
$$5.6\% = \frac{5.6}{100} = \frac{5.6 \times 10}{100 \times 10} = \frac{56}{1000} = \frac{7}{125}$$

Compare and Order Fractions, Decimals

You try it!

Convert .346 to a percentage:



Compare and Order Fractions, Decimals

You try it!

Convert .346 to a percentage:

$.346 = 34,6\%$

Compare and Order Fractions, Decimals

You try it!

Translate 15.5% into a fraction

Compare and Order Fractions, Decimals

You try it!

Translate 15.5% into a fraction

$15,5\% = \frac{15,5 \times 10}{100 \times 10} = \frac{155}{1000} = \frac{31}{200}$

$15,5\% = ,155 = \frac{155}{1000}$

Compare and Order Fractions, Decimals

You try it!

Place these numbers in order from largest to smallest:

$\frac{3}{5}$.55	61%	$\frac{15}{24}$
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Compare and Order Fractions, Decimals

You try it!

Place these numbers in order from largest to smallest:

	$\frac{3}{5}$.55	61%	$\frac{15}{24}$
Convert to decimal	.6	.55	.61	.625
	$\frac{15}{24}$	61%	$\frac{3}{5}$.55

Compare and Order Fractions, Decimals

You try it!

Now, try it on your own. Go to
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Compare and Order Fractions,
 Decimals, and Percents
 from the Worksheets Page, and test
 your skill.

Compare and Order Fractions, Decimals
