### Thank you for previewing the Rational or Irrational Number Worksheets!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will me more than happy to help sort it out. I want you to enjoy this product to the fullest. You can email me here: johanna@misskuipersclassroom.com













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8th Grade Math Activities

**Algebra 1 Activities** 

Free Resources

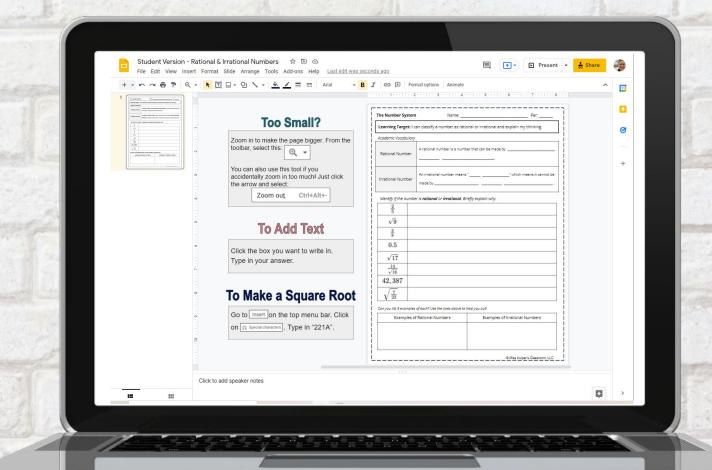
# Worksheet

Learning Target: I can classify a number as rational or irrational and explain my thinking.  Academic Vocabulary  A rational number is a number that can be made by	Rational Number  An irrational number is a number that can be made by  Irrational-Number  An irrational number means "" which means it cannot be made by  Identify if the number is rational or irrational. Briefly explain why. $\frac{3}{8}$ $\frac{14}{\sqrt{16}}$ 42, 387  Or Irrational  Ones above to help you out!	The Number System	Name:	Per:
Rational Number  An irrational number means " " which means it cannot be made by  Irrational Number made by " which means it cannot be made by " and " which means it cannot be made by " which mea	Rational Number  An irrational number means " " which means it cannot be made by	Learning Target:   ca	an classify a number as rational or irration	onal and explain my thinking.
Rational Number  An irrational number means "" which means it cannot be made by  Identify if the number is rational or irrational. Briefly explain why $ \frac{3}{8} $ $ \sqrt{17} $ $ \frac{14}{\sqrt{16}} $	Rational Number  An irrational number means " "which means it cannot be made by	Academic Vocabulary		
Intertify if the number is rational or irrational. Briefly explain why $\frac{2}{5}$ $\sqrt{9}$ $\sqrt{17}$ $\frac{14}{\sqrt{16}}$	International Number is rational or irrational. Briefly explain why to the number is rational or irrational. Briefly explain why $\frac{3}{8}$ $\sqrt{17}$ $\frac{14}{\sqrt{16}}$ $42,387$ Or Irrational		A rational number is a number that can be	e made by
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$\frac{3}{8}$ $\sqrt{17}$ $\frac{14}{\sqrt{16}}$	g Numbers are  ones above to help you out!	Identify if the number	r is <b>rational</b> or <b>irrational</b> . Briefly explain	why.
$\begin{array}{c c} \hline \\ \hline $	$ \begin{array}{c c} \hline \sqrt{9} \\ \hline \sqrt{17} \\ \hline \frac{14}{\sqrt{16}} \\ \hline 42,387 \end{array} $ ones above to help you out!			///
$\begin{array}{c c} \hline & \frac{3}{8} \\ \hline \hline & \sqrt{17} \\ \hline & \frac{14}{\sqrt{16}} \\ \hline \end{array}$	g Numbers are  ones above to help you out!			
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$oxed{1}$ $oxed{42,387}$	g Numbers are ones above to help you out!			
	or Irrational	$\frac{1}{1}$ 42, 387		
	or Irrational hers Examples of Irrational Numbers			
	Examples of interior and interior	or Irration	hers Exa	imples of Irrational Numbers
or Irrational		l f		
al or Irrational		4L C		

## Worksheet 2

Learning Target: I can convert a decimal into a fraction by using tenths, hundredths, thousandths, etc.  Label each of the place values after the decimal point.  Convert each decimal to a fraction.  Decimal Tenths Hundredths Thousandths "We Say" Fraction  3 tenths 3  10  Convert each decimal to a fraction. Then simplify the fraction.		The Number Sy	100951905173351	ESTORIONENICUS	2270		E0 8400090957 - 700
Convert each decimal to a fraction.  Decimal Tenths Hundredths Thousandths "We Say" Fraction  3 tenths \$\frac{3}{10}\$  .9  .27  .73  Convert each decimal to a fraction. Then simplify the fraction.  President Tenths Hundredths Thousandths "We Say" Fraction				ert a decimal in	to a fraction by	using tenths, hund	redths,
Decimal Tenths Hundredths Thousandths "We Say" Fraction  3 tenths 3/10  27  .73  Convert each decimal to a fraction. Then simplify the fraction:  Paginal Tenths Hundredths Thousandths "We Say" Fraction  Fraction		Label each of t	he place value	s after the decin	nal point.		
Decimal Tenths Hundredths Thousandths "We Say" Fraction  3 tenths 3  10  27  27  Convert each decimal to a fraction. Then simplify the fraction.	H	•					
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. 73  Convert each decimal to a fraction. Then simplify the fraction.  Posimal Touths Hundradthe Theory it to a fraction.	l I	Decimal	Tenths	Hundredths	Thousandths	"We Say"	Fraction
. 27 . 73 . 73 . Convert each decimal to a fraction. Then simplify the fraction.  Position   Touths   Hundredths   The restite   City South   Fraction	1	.3	) ) 3 / ʃ			3 tenths	
Convert each decimal to a fraction. Then simplify the fraction.  Paginal Tonths Hundrodths The script (1960) South Fraction	i/	.9	///			777	
Convert each decimal to a fraction. Then simplify the fraction.  Posimal Teaths Hundredths The script Was South Fraction.	$\frac{1}{l}$	. 27				/ // //	
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Desired Tenths Hundredthe Teachith Will Co.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	S.597 /					
	Н	Convert each o	decimal to a fra	action. Then sim	olify the fraction		
and simplify	Įį.	Decimal	Tenths	Hundredths	Thousandths	"We Say"	Fraction and Simplify
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						© Miss Kui	per's Classroom, LLC

#### Digital Version



Same as the printable worksheets. Includes tech tips for students!

#### What's Next?

You can read about how to reach your low-level learners and build them up to grade-level!







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