

# Place Value With Decimals Ron Brown Big Kids Math Place value with decimals. Place value Place value with decimals. Place value Just look to the right of the decimal The point where the parts begin. Each place is a part of the whole you know When you know them you'll always win. Tenths, hundredths, thousandths, parts of a whole. Place value with decimals. Place value Place value with decimals. Place value Just look to the right of the decimal The point where the parts begin. Each place is a part of the whole you know When you know them you'll always win. Tenths, hundredths, thousandths, parts of a whole. Place value with decimals. Place value Place value with decimals. Place value

### Lines, Rays, Line Segments

Ron Brown **Big Kids Math** 





Lines, lines,
Do you know your lines?
Lines, lines,
Math lines.

Lines, lines,
Do you know your lines?
You'll know them when you see them.
And you'll know them every time.

A line is straight.
It doesn't curve.
It goes in both directions.
It doesn't swerve.

Line, line, You will see, t goes in both directions to infinity.

Lines, lines,
Do you know your lines?
You'll know them when you see them.
And you'll know them every time.

Ray, ray,
A one direction line.
It starts at a point every time.

Ray, ray,
You will see,
It starts at a point to infinity.

Lines, lines,
Do you know your lines?
You'll know them when you see them.
And you'll know them every time.

Line segments
Are a part of a line,
Connecting two points every time.

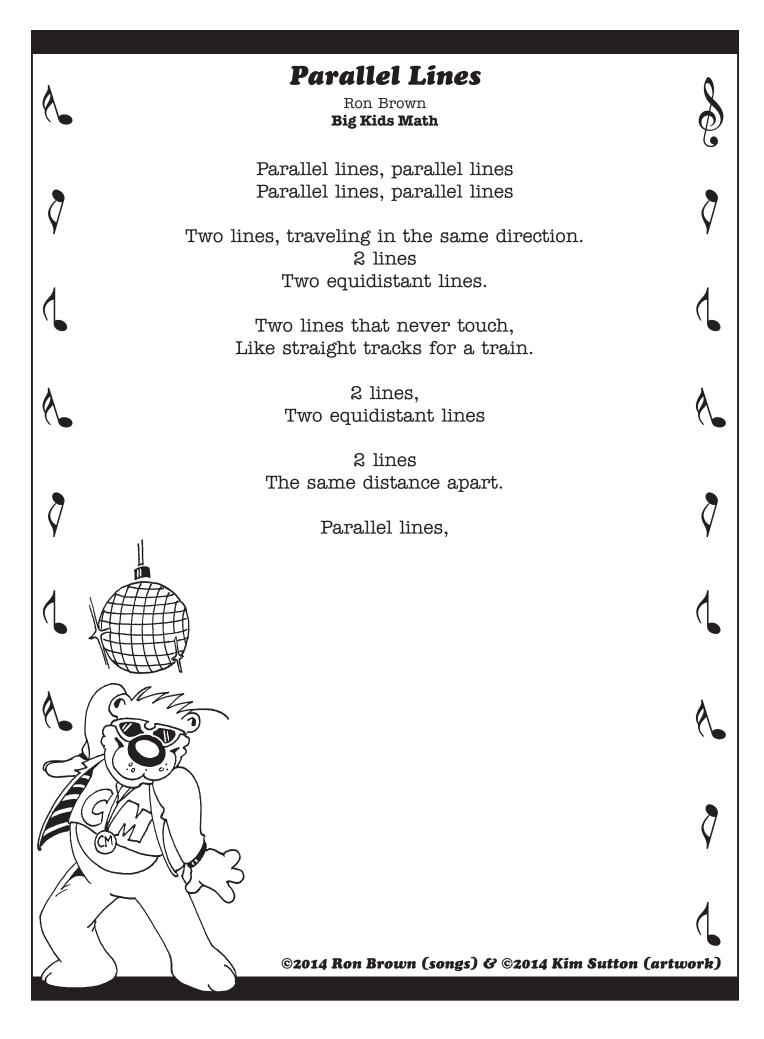
Line segments
Two points you will see.
They do not go to infinity.

Lines, lines,
Do you know your lines?
Lines, lines,
Math lines.

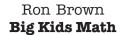
Lines, lines,
Do you know your lines?
You'll know them when you see them.
And you'll know them every time.





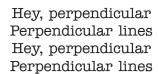


## **Perpendicular Lines**









Those lines you see and right angles there,

When you see them showin' your brain will be knowin'

Form two particular lines. And you'll say this every time.

When you see two lines that intersect With an angle of 90 degrees, With a shape like a T or a big old L With corners at 90 degrees.

Those lines you see and right angles there,

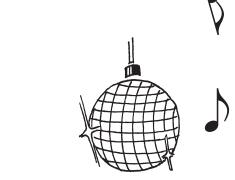
Form two particular lines. When you see them showin' your brain will be knowin' And you'll say this every time.

Let's go! Hey, perpendicular Perpendicular lines Hey, perpendicular Perpendicular lines

Let's go!

Hey, perpendicular Perpendicular lines Hey, perpendicular Perpendicular lines

When you see two lines that intersect With an angle of 90 degrees, With a shape like a T or a big old L With corners at 90 degrees.





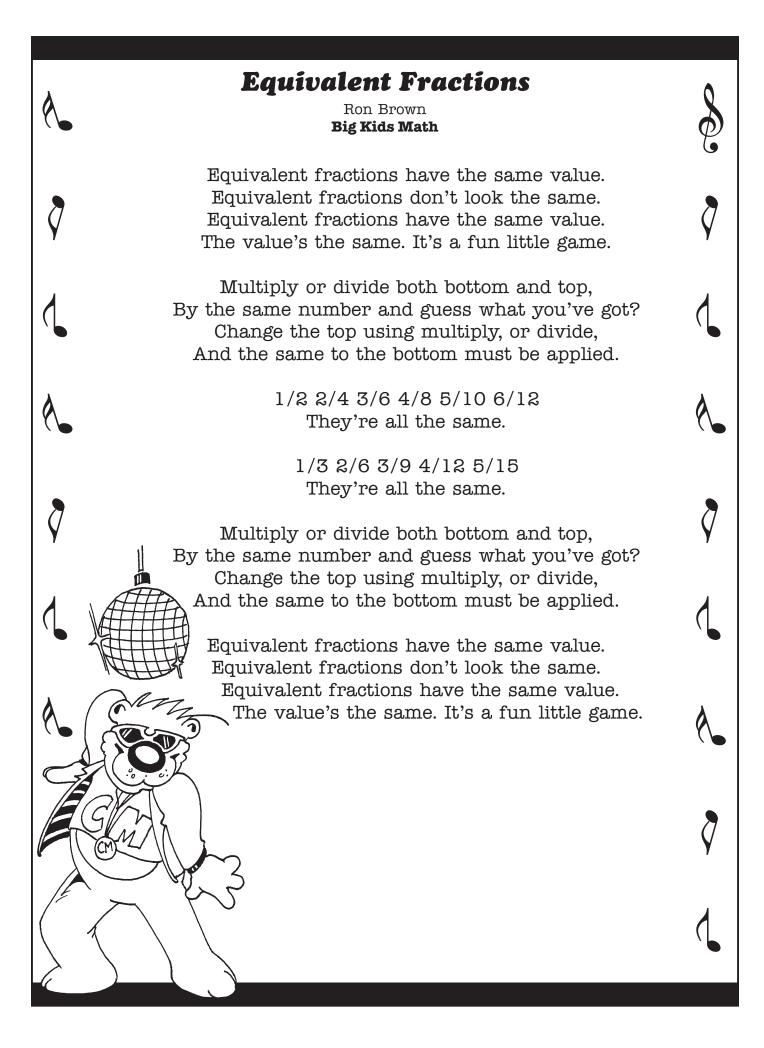




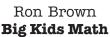


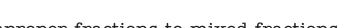
#### **Powers of a Number** Ron Brown Big Kids Math The powers of a number are multiples, Multiples of itself. The powers of 2 are multiples, Multiples of itself. 2 to the first power, that is 2. 2 to the second power, 4. 2 to the third power, $2 \times 2 \times 2$ , that's 8. 2 to the fourth power, that's 16. 2 to the fifth, 32. No other number but the power of 2 Divides into, a power of two. The powers of a number are multiples, Multiples of itself. The powers of 3 are multiples, Multiples of itself. 3 to the first power, that is 3. 3 to the second power, 9. 3 to the third power, $3 \times 3 \times 3$ , 273 to the fourth power, 81. 3 to the fifth, 243. No other number but the power of 3 Divides into, a power of three. The powers of a number are multiples, Multiples of itself. The powers of 10 are multiples, Multiples of itself. 10 to the first power, that is 10. 10 to the second power, 100. 10 to the third power, $10 \times 10 \times 10$ , 1,00010 to the fourth power, 10,000 10 to the fifth, 100,000 Count the zeroes, then you'll know, Each power of 10 has as many zeroes. The powers of a number are multiples, Multiples of itself. Powers, powers, powers! ©2014 Ron Brown (songs) & ©2014 Kim Sutton (artwork)

8	Three Kinds Of Fractions  Ron Brown  Big Kids Math	À
\$	Three kinds of fractions, Proper, improper, mixed. Three kinds of fractions, Proper, improper, mixed.	<b>\( \)</b>
<b>&gt;</b>	When the numerator of a fraction, Is smaller than the number below The denominator's always larger It makes a proper fraction so.	<b>&gt;</b>
<b>♪</b>	1/2 2/3 3/4 proper fractions 2/12 1/3 4/5 proper fractions	
\$	When the numerator of a fraction, Is larger than the number below The denominator's always smaller It makes an improper fraction so.	<b>\( \)</b>
<b>&gt;</b>	3/2 4/3 5/4 improper 5/3 9/2 6/4 improper  A whole number and a proper fraction,  Makes a mixed fraction so.	<b>)</b>
<b>♪</b>	A whole number and a proper fraction, Is all you need to know.  3 ½ 2 2/3 mixed fractions	<b>A</b>
<b>\$</b>	Three kinds of fractions, Proper, improper, mixed. Three kinds of fractions, Proper, improper, mixed.	
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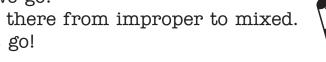
# **Improper Fractions to Mixed Fractions** Let's convert improper fractions to mixed fractions.





Here we go!

Three simple steps will take you there from improper to mixed. Let's go!



Divide the numerator by the denominator. Write the whole number down. Write the remainder above the denominator. A mixed fraction is found.

Let's convert improper fractions to mixed fractions. Here we go! Three simple steps will take you there from improper to mixed. Let's go!

> Divide the numerator by the denominator. Write the whole number down. Write the remainder above the denominator. A mixed fraction is found.

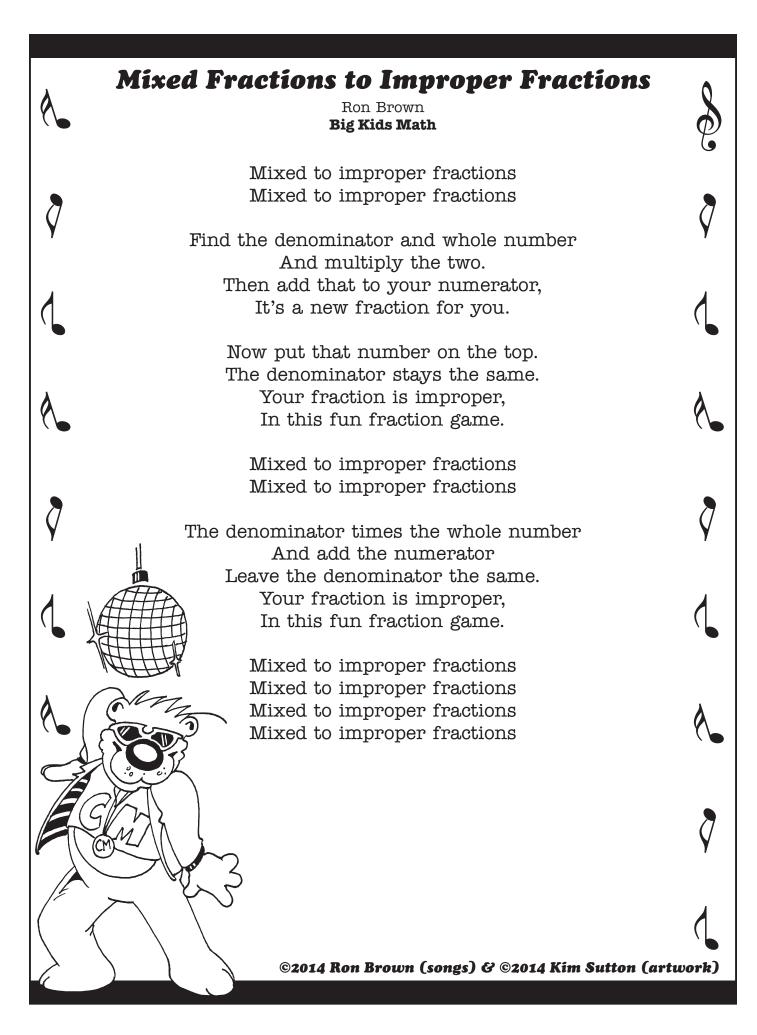
Let's convert improper fractions to mixed fractions Here we go!

Three simple steps will take you there from improper to mixed.

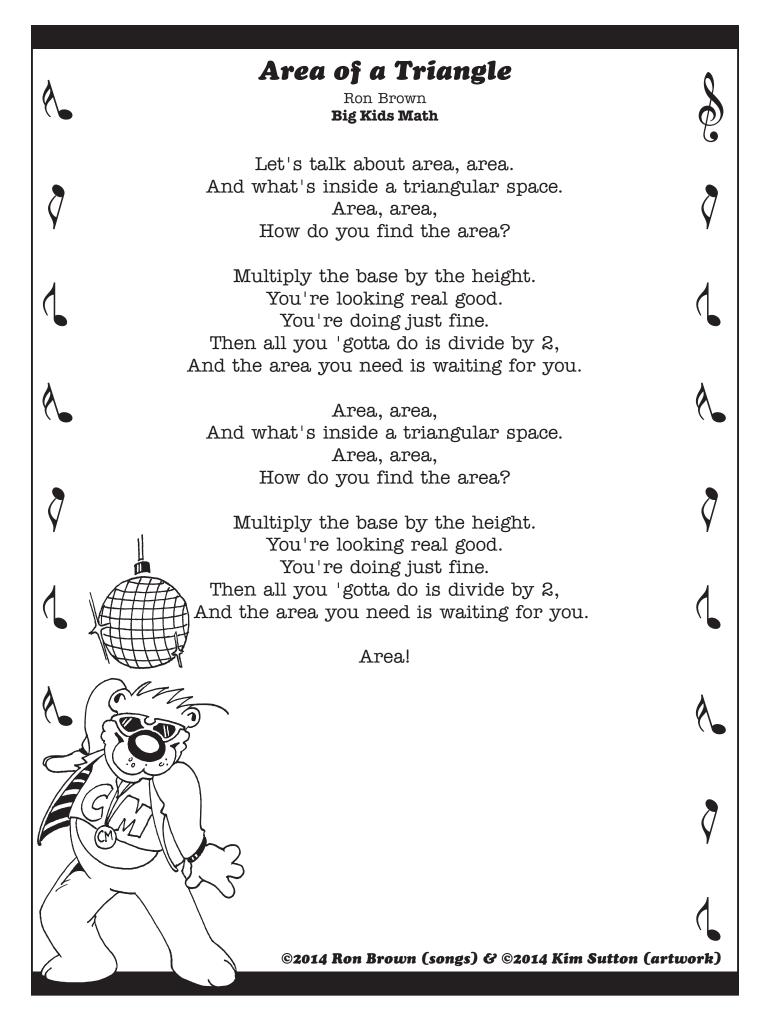


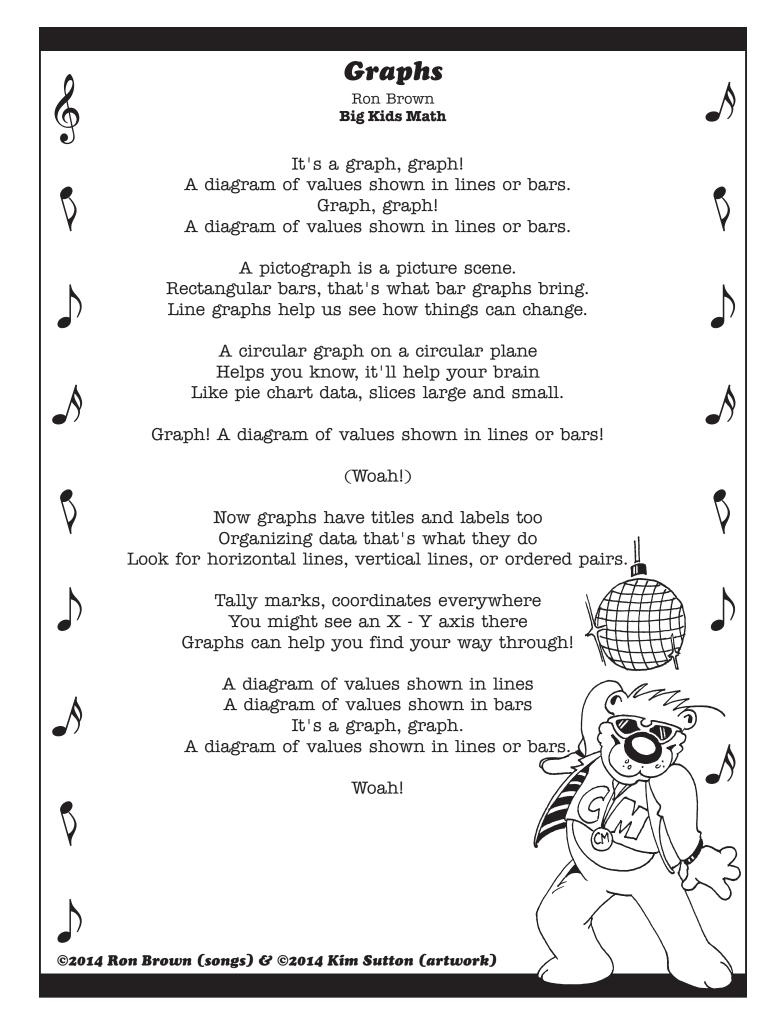




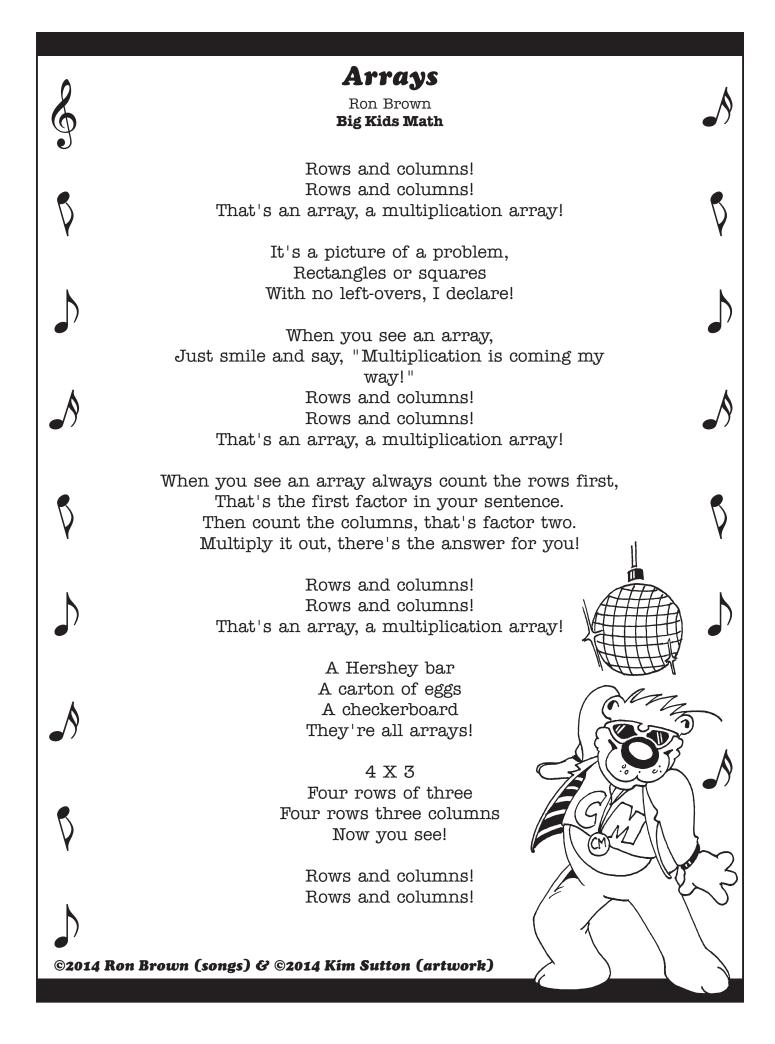


3	P-E-M-D-A-S The Order of Operations  Ron Brown  Big Kids Math	Ą
R	P-E-M-D-A-S The Order of Operations! P-E-M-D-A-S The Order of Operations!	R
Y	Now check the things in parenthesis first. Calculate what's in the brackets.	Y
	Exponents come next like powers and roots Before you multiply, divide, add or subtract.	
	Multiplication or division, left to right That is next in line.	
	Move left to right to add or subtract And, you'll have it every time.	
B	P-E-M-D-A-S The Order of Operations! P-E-M-D-A-S The Order of Operations!	5
<b>Y</b>	Now check the things in parenthesis first.  Calculate what's in the brackets.	Y
<b>♪</b>	Exponents come next like powers and roots Before you multiply, divide, add or subtract.	
	Multiplication or division, left to right That is next in line.	
<b>♪</b>	Move left to right to add or subtract And, you'll have it every time.	
\$	P-E-M-D-A-S The Order of Operations! P-E-M-D-A-S The Order of Operations! P = Parenthesis E = Exponents M = Multiply	
	D = Divide A = Add S = Subtract The Order of Operations!	3
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#### Mean! Mode! Median

Ron Brown Big Kids Math



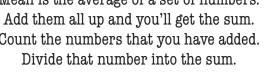


Mean, mode, median, These are terms we need to know. Mean, mode, median, When we learn them all we'll steal the show.

Mean is the average of a set of numbers. Add them all up and you'll get the sum. Count the numbers that you have added.

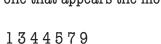
Add 3, 5, 7, 9, 24 is the sum Count the numbers that's the score. Twenty-four divided by the number four.

> 6 is the mean. The average of the numbers. The sum divided by the count. That's the mean.



Mode is the number that appears most often. In a set of numbers it appears the most. To find the mode put the numbers in order. Just find the one that appears the most.

4 is the most in this number line.



3345669 Two modes here, you'll see it sometimes.

When you're lookin' for mode, mode means most.

It's an easy thing to do. When you're lookin' for mode, mode means most.

That's the modal value it's true.

The middle number in a sorted list. That's the median. Just put a set of numbers in a value order. And then you can begin.

13478910 7 is in the middle, it's the median. 2468 and 10 6 is in the middle, it's the median.

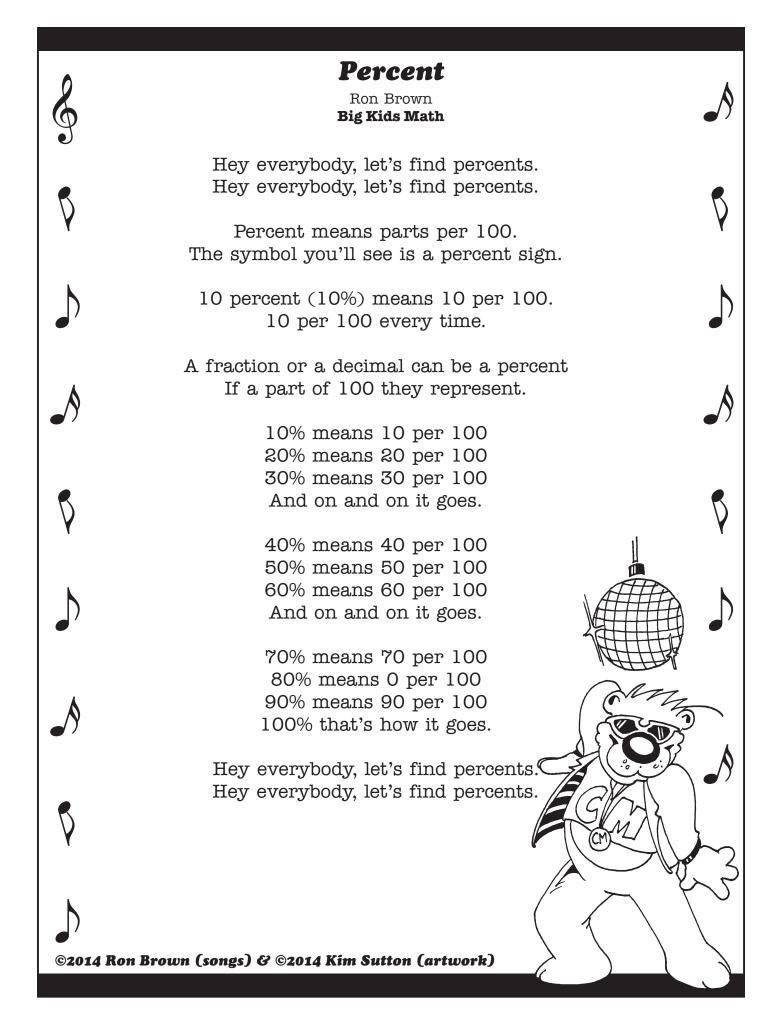
Mean, mode, median, These are terms we need to know. Mean, mode, median, When we learn them all we'll steal the show.











## **Number Line Numbers** Ron Brown Big Kids Math Numbers on the number line What kind of numbers will you find? Numbers counting left or right What are the names can you get them right? Whole numbers on the number line Start with 0 every time 0, 1, 2 and 3 positively counting to infinity! Numbers on the number line What kind of numbers will you find? Numbers counting left or right What are the names can you get them right? Counting numbers on the number line Start with 1 every time. Zero, zero, you can't count No value there, no amount! Numbers on the number line What kind of numbers will you find? Numbers counting left or right What are the names can you get them right? Integers on the number line Have no fraction parts any time Integers on the number line Are positive or negative every time! Numbers on the number line What kind of numbers will you find? ©2014 Ron Brown (songs) & ©2014 Kim Sutton (artwork)

