69 Mnemonics, Melodies, and Movements for the Middle Grades Mathematician

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Integers (Hokey Pokey)

Put the negative numbers in
Put the positive numbers in
Put the zero in and write from low to high
Integers are whole numbers and their opposites
...-1, 0,1,2,3,

Coordinate Grid (Do your ears hang low?)

The coordinate grid is made from two number lines The x goes across and the y goes high To plot a point the origin's where you begin First left or right then up or down

The axes divide the plane in four quadrants, Draw a C in the center to remember which is which Then follow the letter C and number 1,2,3, IV And you'll find you've done perfectly

The intercepts are points on number lines
The x and y axis they are divine
These points are not in quadrants so they're special
don't you see
Just write x or y intercept and you'll do famously!

You've got to run

(I've got the Joy, joy, joy, joy, down in my heart)

You've got to run, run, run, run, before you can fly You've got to run, run, run, run, before you can fly You've got to run, run, run, run, before you can fly That's why the x, comes before y.

Fraction to Decimal

(John Jacob Jingleheimer Schmidt)
Fraction to decimal it's true,
This here is what you do
All fractions mean divide
Write the denominator outside
Add a decimal point and zero's til you're through

Properties (She'll be Coming Round the Mountain)

There are four properties you need to know Commutative has the numbers changing yo Associative the numbers stay, never to ever stray the parentheses they go go go go Distributive's another one you can do, Draw a rainbow to each term until you're through The last one is identity it keeps the numbers the same you see by adding zero or multiplying by one

Paytes

Decimal to Fraction (We will Rock you)

Here we are in math class Lookin' at a decimal, tryin' to change it to a fraction today

It's up to you to know what to do follow these steps and you'll find you're through Say-it write-it simplify (2x)

Box and Whisker Dance

Lower extreme
Upper extreme
Median
Lower median
Upper median
Interquartile range

Minimum
Maximum
Second quartile
First quartile
Third quartile
Interquartile range

Combining Like Terms (We wish you a Merry Christmas)

When you look at an expression And want to simplify it Remember this rule And you'll do well each time Same variable, same power Same variable, same power Same variable, same power Combining like terms

Do I need a one in front of letters that have none? Are there Parenthesis that need undoing? Same variable same power Same variable, same power Same variable, same power Combining like terms.

SIDE

Reciprocal/Multiplicative Inverse

4C2 and 4P2

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