Name

Activity Recording Sheet

1. What are the differences between Equations, Inequalities and Expressions? Write as much as you can to explain what you know about how they are different. Equations are different because it has an equal sign and you can solve it. Expressions are different because it does not have and equal sign, but you can combine teams. And inequalities, It has the >, <, =, 2, < symbols and after you solve It, you have to test it on a number line. 2. Describe the subcategories you noticed within each group. What is alike about all the symbol strings that fit in a particular subcategory? Make sure to list all symbol strings that fit in each subcategory. 5(x+2) 36+4p+14 3x+2y+2x = This is diff want 4p+ 3p-2p because you can 3x+24+42 combine numbers with m2. my the same vacuables. mb This is different 32-26+40-2 than the others because it has a peoperty that the others do not have This is different because you can not combine numbers with variables because there see no like variables.

Expression	e index card.	equations
5x+3c-4x 15c+52+4p	8c+41 - c Z 2 3x+2>12	11 350+102.4=100 14-8×2c=48
I now know the groups within a expressions.	equations, inequalities, an ecouse of symbols and at there can also be groups for equations, ine	ane without. different equalites, and
	and it because I did cents groups there could	la be.
I feel smaate	r because. I now kn ot know before.	ow more

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Activity Recording Sheet

1. What are the differences between Equations, Inequalities and Expressions? Write as much as you can to explain what you know about how they are different.

Name

An equation has an equal sigh I nequalities are humber companison Expressions conibe turp d to exponetis

 Describe the <u>subcategories</u> you noticed within each group. What is alike about all the symbol strings that fit in a particular subcategory? Make sure to list all symbol strings that fit in each subcategory.

terms

7 + 82.91 · . AJ 3. With your group, make up at least 6 new symbol strings that fit within the subcategories. List them here AND write each one on the front of an index card with a description of the subcategory on the back of the index card am rettie 17 La Par Gytsyty boy +loy +lly 72 4+4 5 < x + 210(8.7) 10+186 I learned to be patients well extremely patient' I learned it by waiting Patiently for the answer I feel sick, tired, and theopy. I hated to be filmed !!! I signed a Slip Not to DISTIL GOT Filmbor

Name

Activity Recording Sheet

1. What are the differences between Equations, Inequalities and Expressions? Write as much as you can to explain what you know about how they are different. Equation has an equal sign which means that they have to equal something. Inequalities have greater or equal to Sign and expressions has no equalsign means it express its alf 2. Describe the subcategories you noticed within each group. What is alike about all the symbol strings that fit in a particular subcategory? Make sure to list all symbol strings that fit in each subcategory. Becaus u concombine terms anol SHZY+4 36+4/2417 - Lecont combine 3x+zy+4z) 40+3-2-261-10-9 S(x+z) u would have z use distributive Properity.

3. With your group, make up at least 6 new symbol strings that fit within the subcategories. List them here AND write each one on the front of an index card with a description of the subcategory on the back of the index card, Enequalities examplian 35C1-102 X41=100 14 8×7C=: C18 5X+3C-4 80+41-67/21 isct sutup 3++2712 / learn about different types of equations and different-types of expression and inequalities. Because I-never new wort types of equation expression inequalities, Ifed ok because I harn something new!

A=LOW) only multiplication and equils. FOL=F)

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Activity Recording Sheet

Name: 1/22/04

 What are the differences between Equations, Inequalities and Expressions? Write as much as you can to explain what you know about how they are different. - Ithink that Equations have equal Signs, and the two or more invitibers on the left side of the equal sight. I's they we equal signs - inequalities have symbols. (72 2 4.) So, they don't just have equal Signs. - Expressions have numbers & variables, but its must sign. Describe the subcategories you noticed within each group. What is alike about all the symbol strings that fit in a particular subcategory? Make sure to list all symbol strings that fit in each subcategory. (3x+24+4z) These are a group because you cannot combine them. (3b+4p+17) (Unable to combine) $\{5(x-2)\}$ this one can be combined with only the distributive property. (you can combine only 1 way.) (32-26+46-2) These are grouped together browse you can combine m². m⁴ m³ 410+30-20 3x+24+2x

3. With your group, make up at least 6 new symbol strings that fit within the subcategories. List them here AND write each one on the front of an index card with a description of the subcategory on the back of the index card. iNequalities equations expressions 8c+4i-6221 352+190×4×100 5x+3c-4x 14-8×2c=48 3x t2712 15c+5>+40 I learned that you can put diff kinds of equilibria inequalities or expressions can be grouped into smiller group 5. I know beinge i won't intrive doing it on thinking about it ever before. I feel good that I learned comething new.

1/22/09 (F.I=F) These have a multiplication, with an equal sign. (A=L·W) (3+2n=8) they have the same format. {105+20=10} (2+ (b+c) = (a+b)+c) +these are just variables. $\begin{cases} x+4=y+x \\ V(w+x) = vw \\ x \\ \end{pmatrix}$ (HO=5x) these have nothing in common with anyother Z 3x+2x=5x) graps.

Group 3 Student:3a

14-8×2c=48

Student 36 35c+10a ×4 = 100







Group 3 Student 3d





Group 3 Student 3e



combined" group for expression

Group 3 Student 3f



This fits in the "can be combined" georp for expension.