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 Inequalities Expressions have gleater than No Sign

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.

The shigroups vary from finding properties, solving for a variable,
$$V(w+x) = Vw+vx$$
 $\frac{y=2}{105+2a=101}$
 $\frac{9+(6+0)=(a+6)+C}{1-1+1}$
 $\frac{3+2y=9}{4+2+2}$
 $\frac{4+2+2+2}{4+2+2}$
 $\frac{4+2+2+2}{4+2+2+2}$
 $\frac{4+2+2+2}{4+2+2+2}$
 $\frac{4+2+2+2}{4+2+2+2}$
 $\frac{4+2+2+2}{4+2+2+2}$
 $\frac{4+2+2+2}{4+2+2+2}$

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.

Property equation

X+2=z+x

9=13

2=5

Combining like terms

ALW

WeleA

I learned that big groups of numbers can be broken into maller groups, I know it rause than I didn't 8 now I do. I feel good.

It was fun!

Sorting Symbol Strings



Activity Recording Sheet

 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 = They are a least or or that ex origin Expression - They don't have a equal - sign

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.

TELEE FOR STONE PLONG WINDER GOES

X+X= 1+X

THORIT THE INTERIOR STONE S

13x+2x=5x -combine like terms

B-LIMI-SO YEAR WEDON'T KNOW SOWING FOR THEUNKNOWN



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.

Troperty Equation K

Solving Per the Unknown Combining like Termo
124+114=134

ALW

I learned about "SOWING FOR THE UNKNOWN"

I KNOW ALTHE AboUT IT SELECTED TOO, AND

COLLY IDIDING THAT THE CHIRDRET IT.

IDION THAT THE CHIRD INSTALLING

Sorting Symbol Strings

Name

Activity Recording Sheet

 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 have = signor, inequalities have <,7,5,7 signs, expressions are just a group of #5
With operations

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.

When of the grooms you can find the Properties - V(w+x) = Vw + Vx at b+c = (a+b)+c = F x+y=y+x combining like terms - 3x+2x=5x. Solving for the unknown - y=2, 105+2a=101, 3+2n=8 40=5x

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.

Properties 13-a=13 Salving for the Unknown 17-2x=13

X+Z=ZX

Combining like terms 24+11u=134

Alw

I leatined about the different groups inside of equations, meanwalities, and expression.

Because I dichet know it before.

It was just like any other lesson and we moved around more.

Sorting Symbol Strings

Name_

Activity Recording Sheet

 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 - Has an equal sign between 2 values.

Inequalities - llas a <, >, \le , \rightarrow between 2 values.

Expressions - Doesn't have an equal sign or $\langle , \leq , > \geq ,$ or is essentially any number of numbers with at least one operation.

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.

Properties - each symbol string you could solve for the diffproperty used,

Combining 'like' terms - you can combine

sels of vortialles into

the answer

a+(b+c) = (a+b)+c

x + y = y + x

solving for the Unknown - In each you can solve for the given variable.

$$\frac{y=2}{105+2a=101}$$
 40=5x

3+2n=8

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.

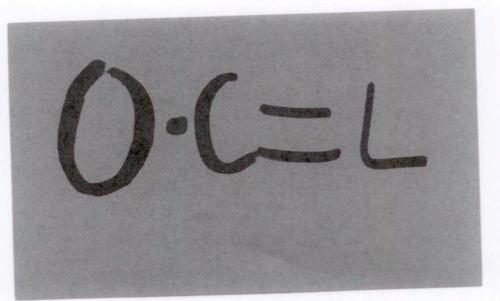
Property Solving for the Unknown Combining like derives
$$13 \cdot 1 = 13$$
 $17 - 2x = 13$ $2y + 11y = 13y$ $x+z=z+x$

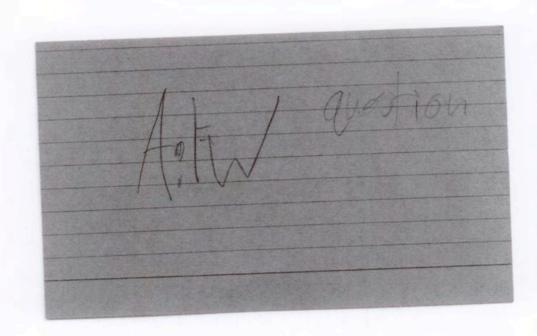
That, abide from the major groups of equations/expressions/inequalities—
which differ due to the lack of signs or not—the diff.
sub-groups within those are based on how to solve them.

I know because I can effectively use it while doing algebra

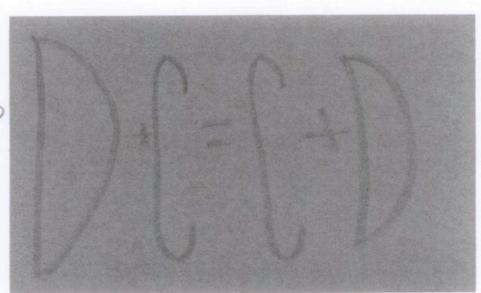
I thought it was slightly distract and I felt like it was n't independent mough and there was n't a lot of real, hands-on algebra.

Group 4 Student 4a



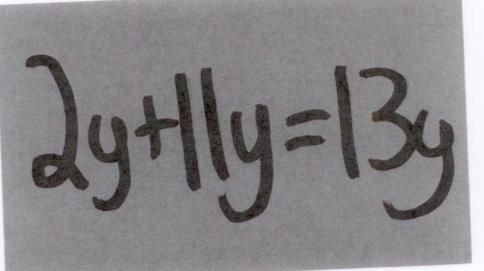


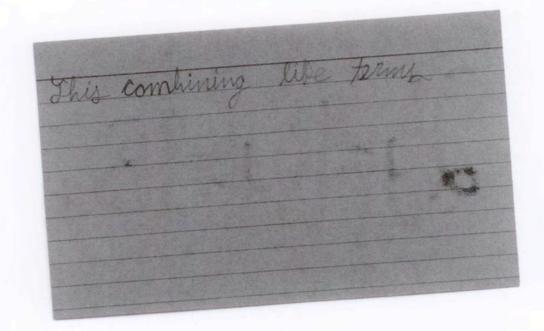
Group 4 Straint 4b



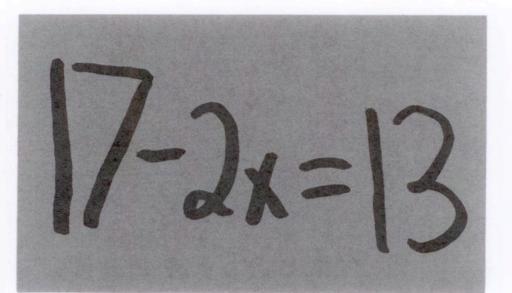
HOB.	HyEquation the	an becau	SE SE	4004	
		9			

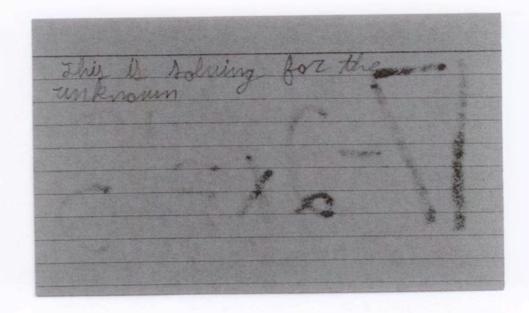
Group 4 Student 4c



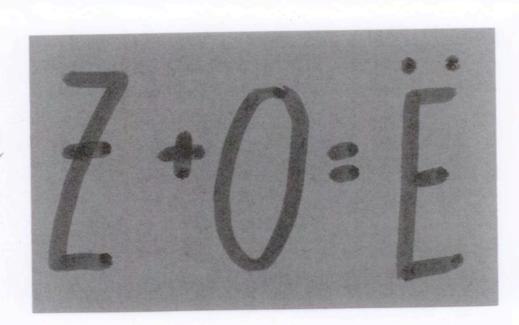


Group 4 Student 4d



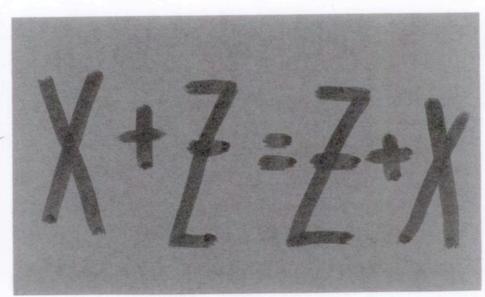


Group 4 Student 4 e



This part it has 3	of the different	Unknown	Various that	ale problem	ns be o	pecause a cerdain
value.						

Group 4 Student 4f



This is	parct	of the	e proper	cty gro	up become	ause it