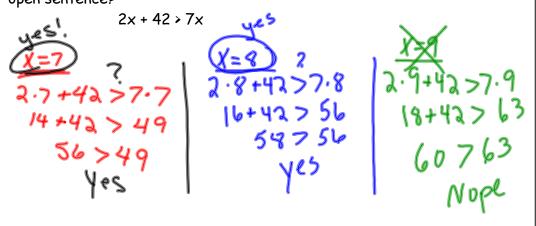
1-1 Variables in Sentences				
<u>Warm-up</u>				
Name 2 similarities and 2 differences between the following				
4x + 2 = 10 $4x + 2$				
1. both adding 1. only one has = 10				
2. both have 4x 2				
2. What is a verb? an action word (equals or is)				
3. Define the following symbols				
ing (a) < less than b) > greater than c) ≥ greater than or equal to less than or equal to Square root about/approximately				
				greater than or equal to
3 d) ≤ less the accept to				
e) V Square 5.1				
00016 100+				
t) ~ about/approximately				
9) = not equal to				

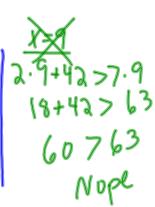
	Vocabulary	Definition	<u>Example</u>
	Variable	a letter used to represent a #	$x_1y_1n_1a_1$
	Sentence	has an equal or inequalify sign	2x+3=9
	Math Verbs	ニ、土、イ、フ、七、	, >
	Equation	has an =	2+2=4 or $3x+2=4$
add	Expression	No = sign	2X+1
	Inequality	ムラムこ	47
	Open Sentence	has avariable	2x+2=4
	Solution	The answer	1 x+5=9
			(X=4)
			, and the second

1. Write an inequality that compares 2/5 and 3/4.

$$\frac{2}{5} \bigcirc \frac{3}{4}$$

2. Which numbers 7, 8, 9, or is a solution to the following open sentence?





3. Find all solutions to $x^2 = 81$.

$$X \cdot X = 81$$

 $Y \cdot X = 81$
 $Y \cdot X = 81$

4. Find all integer solutions to $x^3 = -8$.

$$-3,-2,-1,0,1,2,3...$$
 $-2,-2,-2=-8$ $x=-2$

- 5. Bob earns more than \$25 a week.
- a) Write an open sentence describing the amounts e that Bob can earn in a week. has a variable



b) List three possible solutions.

