

Cornell Notes	Topic/Obje	ctive:	Name:			
X	Solving Systems of Equation		Class/Period: Alg. 1, 20			
Decades of College Dreams	(50)		Date: Oct. 12, 2009			
Essential Question: Now-do you solve (SOE) by substitution						
			tron will be an ordered pa			
Questions:		Notes	like (3,2)			
Whatis	a system	System of Linear equ	ations (SoE)-201 more			
of linear eg. >		Threar equations in the same				
what are the		Steps to Solving by sub; upossible,				
steps to solving		Tholve 1 eg for its variable. Solve for				
		Dariable W/ coeff	from Step1			
		3 Solve that eg. to	get value of 1st van.			
		Allub Walue as 15th	var into original			
		5 Write the values	from #3 ;#4 as			
		an ordered pair. (Check)?				
		6. CALCAS				
		Ex Solve 1=3x+2 (Eg. )	#1)			
		x+2y=11 (Eg. =	#2)			
		$\begin{array}{c} x + 2y = 11 \\ \hline 3401 \ Y = 3x + 2 & \longleftarrow Eg. \\ x + 2y = 11 \end{array}$	l already 301ved			
		x +2y=//	7.			
Summary:						



Questions:	Notes:			
How do I	Notes: 5+cp = 3x + 2	Sub. 3x +2 for y in 2nd		
apply the steps	x + 2y = 11	0		
of solving (Sot	(x + 2(3x + 2) =	11 Simplify (lise Dist.)		
to the (SOE)		(CAUCOT POSMO)		
$\sqrt{=3x+2}$	STQ 3 +6x +4=11	Subtract 4 from both sides		
x +2y=11	7x+4=11	both siais		
	-4 -4			
	$\frac{1}{7x} = 7$	- by 7 the variable		
	75 7	- by the variable		
,	(X=1)	4 154		
	15404 3x + 2	Write 1st eg.		
	y = 3(1) + 2	Sut. I for X		
	Y = 3 + 2	Simplify for 9		
	(1=5)	C F as ardered Dail		
	E4(1,5)	Write SoE as ordered pair		
	1	on my test, do I need to Check my		
	* Check:?	Check My		
	A	Eq. 2 answers it		
	y = 3x + 2	X+24=11 equations?		
· · · · · · · · · · · · · · · · · · ·	5 = 3(1) +2	Eq. 2 answer it $x+2y=11$ both equations? $1+2(5)=11$ or just $1+10=11$ or $2$		
		11=11		
Summary:				



Questions:	Notes:				
Questions.	Notes: $ S+\varphi $				
Now do I apply	7=2x+1				
the process	24-X=11	16/0 (1)			
for solving		(Step 4)			
y=3x+2	Step 2 2 = 11	y=2(3)+1			
X + 2 y = 11	1574314x +2-x = 11	Y = 6 +1			
to the (SoE)	3x+2=11	(y=7)			
Y=2x+1		4-1)			
2y-x=11?	$\frac{-2}{2}$				
,	2v = 9	Step 5			
	$\frac{3x}{3} = \frac{9}{3}$	(3,7)-ordered pair			
		(3).,			
`	(X=3)				
	Step 5 Check!				
	Eq.1	59.2			
	7=2x+1	2 y - x = 11			
	/ 0(%)	2(7)-3=11			
	, 500				
	7=6+1	14-3 = 11			
	7=71	11=11/11 ( )			
	I same proces	for both SOE)			
How is solving	Complete and and	- and for alterna an Ina			
SOE using sub	intersection	soint.			
diff. than	Substitution -	-good for getting an exit point. get an ordered pair.			
graphing?	XIVADIOLOGICA	guer.			
Summary:					
Summary: a system of linear equations is two or more					
when Englished will now sale same of arranges sale same.					
method has you isolate one variable in an equation					
and place it into the other equation. To clowing these					
five sleps and	five steps and checking my answer will ensure the my ordered pair is the correct solution.				
oracrea pair is the correct solution.					