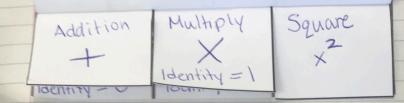
Inverse Operations

operations that undo each other

			-		4
	er)	Look at the equation. Are there any grouping symbols like () or { }?	I	YES	N O
ton land	cop Idye	Look at each side of the equation. Are there like terms on the left side? Are there like terms on the right side?		YES	N O
LVING EQUATIONS (for land		Do you have variables on both sides of the equal sign?	I	YES	NO
		Do you have a constant added or subtracted on both sides of the equal sign?	T	YES	N O
	D	oes your variable have a coefficient other nan 1?	T	YES	N O
20	Yo var sub equ	u should have a simple equation with a riable = a number. Check your solution by ostituting the number in the original	T	YES	Y E A



Use distributive property to remove () $3(x^2+x-2)=3x^2+3x-6$ -(x-7)=-x+7	YES	N O	
Combine Like terms (see. 5.2) $4x+3x+7=12$ $7x+7=12$	YES	N O	
Move the variable coefficient that is smallest to other side ($\frac{1}{1}$) $\frac{1}{12} + 2 = \frac{1}{12} \times -1$ $\frac{1}{12} \times \frac{1}{12} = \frac{1}{12} \times -1$	YES	N O	
Remove the constant on the SAME SIDE as the variable (+1-) $a = x$	YES	N O	
Undo the operation attached to the variable to get identity of 1 ($\frac{3}{3}$) $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$	YES	N O	
Check Solution. 3x+2=4x-1 3(3)+2=4(3)-1	YES	YEA	

Subtraction Division Squadentity = 0 Identity = 1	have $Root$ $\sqrt{x^2} = x$
There are no grouping symbols. Go to the next step	N O
Each side of the equation is simplified, no terms can be combined. Go to the next step.	N _O
The variables are only on one side of the equation. Go to the next step.	N O
The constant values are only on one side of the equation. Go to the next step.	NO
The variable has a coefficient of 1. Go to the next step.	NO
My solution checks in the original equation!	Y E A