SOLVING EQUATIONS (top layer)

SOLVING EQUATIONS (top layer)	GLUING TAB (middle layer)	YES
Look at the equation. Are there any grouping symbols like ( ) or { }?	Use the distributive property to multiply the number outside the parentheses by every term inside the parentheses: $3(x^2 + x - 2)$ is the same as $3x^2 + 3x - 6$ Or $-(x - 7)$ is the same as $-x + 7$	YES
Look at each side of the equation. Are there like terms on the left side? Are there like terms on the right side?	Combine like terms on the left side of the equal sign. Combine like terms on the right side of the equal sign. $4x + 3x$ is the same as $7x$ $5x^2 - x^2$ is the same as $4x^2$	YES
Do you have variables on both sides of the equal sign?	Choose the variable with the smaller coefficient. Undo that variable by adding the opposite to both sides of the equation. $3x + 2 = 4x - 1$ Add a $-3x$ to both sides of the equation.	YES
Do you have a constant added or subtracted on both sides of the equal sign?	Choose the constant that is on the same side as the variable. Undo that constant by adding the opposite to both sides of the equation. $7 = 5x - 3$ Add positive 3 to both sides of the equation.	YES
Does your variable have a coefficient other than 1?	Undo the coefficient of the variable by doing the opposite operation (multiply or divide). $3x = 12$ Divide by 3 $\frac{x}{4} = 6$ Multiply by 4	YES
You should have a simple equation with a variable = a number. Check your solution by substituting the number in the original equation.	Solution: $x = 5$ Original equation: $2(x - 3) = x - 1$ $2(5 - 3) = 5 - 1$ $2(2) = 4$ $4 = 4$	YES

GLUING TAB (bottom layer)	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.	N O
	The variable has a coefficient of 1. Go to the next step.	N O
	My solution checks in the original equation!	Y E A