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IV	u		ı	

Remember

-2(2p-3) - 2p = -8(p+1) + 4	Use the DISTRIBUTIVE PROPERTY to simplify.	The term on the outside gets multiplied by each term on the inside. - 2(2p - 5) - 4p + 6
-4P+6-2P=-8p-8+4	TERMS on the left and/or right side of the equation.	Terms can be rearranged, if it helps. :) -4p+6-2p -4p-2p+6
-67+6=-8p-4 +6P +6P	The VARIABLE appears once on the left and once on the right.	Move the NARI ABLE to the left or right by adding or subtracting on both sides.
6 = -2P - 4 $+4$	A 2 - STEP equation remains. Remove the Constant by adding/subtracting on both sides.	A Do/Undo List may help. WHAT DO YOU SEE BEING DONE TO THE VARIABLE? DO UNDO HOW DO X(-2) +4 YOU -4 -(-2) UNDO THAT?
$\frac{10}{-2} = \frac{-2p}{-2}$	A 1 - STEP equation remains. Remove the COEFFICIENT by multiplying/dividing.	A Do/Undo List may help. Do UNDO x(-2) = (-2)
-5 = P $P = -5$	The answer remains.	You can check your answer by substituting the number you got back into the original equation and using order of operations on both sides.

	Grouping Symbols (Parenthesis)	The term on the outside
6 0	Diamin Diamin/E	gets multiplied by each term
5 - 7(x+3) = -3x + 2(8-2x)	Use the DISTRIBUTIVE	on the inside $5 + 3$
	PROPERTY to simplify.	
¥		5 -7x-21
	~ 1: 1145	T
	Combine LIKE	Terms can be rearranged, if it helps. :)
5-7-21=-3x+16-4x	TERMS on the left and/or	5-7x-21
5-7x-21=-3x+16-4x		-7x+5-21
	right side of the equation.	-7x -16
	The VARIABLE appears	Move the VARIABUE
	sipposition	to the left or right by adding
-7x - 16 = -7x + 16 + $7x$	once on the left and once on the	or subtracting on both sides.
+ 7×		*
7 10	right.	
	The variables <u>CANCE UED</u> .	A FALSE statement
-16=16	N/	means: No Solutions
-16=16 + FALSE	What kind of statement is left?	means: No Serville viz

If the original question looks like this...

Notice

Remember

x		
	Grouping Symbols (Parenthesis)	The term on the outside
	Use the DISTRIBUTIVE	gets multiplied by each term on the inside.
5(n-7) = -35 + 5n	Ose the	5(n-7)
	Property to simplify.	300
		5n-35
4	Combine LIKE	Occasionally, there are no
3 5 -	TERMS on the left and/or	UKE TERMS on
5n - 35 = -35 + 5n	off the left and/of	OII
	right side of the equation.	either side, and this step can
		be skipped.
1 == 35.56	The VACIABLE appears	Move the VARIABLE
5n - 35 = -35 + 5n $-5n$	once on the left and once on the	to the left or right by adding or subtracting on both sides.
-8n		,
	right.	
	The variables CANCELLED.	A TRUE statement
-35 = -35	What kind of statement is left?	means INFINITE
CTRUE	What kind of statement is left.	means: INFINITE.
	L	