

Variables on Both Sides

Algebra P1

Name _____ # _____

Date _____

Equation: $2x - 9 = 6 - x$	
Simplify:	
Do:	Undo:
Solve (show work):	
Check (show substitution):	

Equation: $24 - 3x = 9x$	
Simplify:	
Do:	Undo:
Solve (show work):	
Check (show substitution):	

Equation: $15x + 20 = 7x - 4$	
Simplify:	
Do:	Undo:
Solve (show work):	
Check (show substitution):	

Patrick answered all of the equations below. Check his answers by plugging them into the equations.

Equation:	$26 + 9x = -1$	$12 + 11x = -18 - 4x$	$x + 3 = 17 - 6x$	$36 - 4x = 2x + 3x$
Richard's Solutions:	-3	1	2	3
Check Solution:				