# Lesson #7 Review of EVERYTHING that we have done thus far in terms of solving equations (minus denominators)

Complete these 11 questions. Show all your work. Email/message your answers to Mrs. Hayes-O'Hara or Mr. Hopper.

Name:	
Date:	

## **<u>1. SINGLE STEP EQUATIONS:</u>**

A. Single step equation: <b>ADDITION</b>		B. Single step equation: SUBTRACTION	
x+4 =10	VERIFICATION	x-2= -10	VERIFICATION
C. Single step equation: MULTIPLICATION		D. Single step equation: <b>DIVISION</b>	
-2x= -10	VERIFICATION	$\frac{\mathbf{x}}{4} = 12$	VERIFICATION

# 2. MULTI-STEP EQUATIONS (SIMPLIFY) :

E. SIMPLIFY EAG	CH SIDE.	F. SIMPLIFY E	ACH SIDE.
-5x + 2x = -10 + 2 + 8	VERIFICATION	x + 20 = -x + 10	VERIFICATION

#### 3. MULTI-STEP EQUATIONS (MULT/DIV AND ADD/SUBTRACT):

G. MOVE THE TER	RM THAT	H. MOVI	E THE TERM THAT
ISN'T « STUCK »	» TO YOUR	ISN'T	' <stuck> TO YOUR</stuck>
VARIABLE FIRS	ST.	VARI	ABLE FIRST
-5x + 5 = -10 + 20	VERIFICATION	$\frac{x}{2}$ +20 = -10	VERIFICATION

## 4. EQUATIONS WITH BRACKETS (DRAW YOUR ARROWS !!!) :

I. BRACKETS		J. BRACKETS	
2(x+3) = -30	VERIFICATION	4(2x-2) = 7x + 5	VERIFICATION

# 5. TRY YOUR HAND AT A SUPER LONG EQUATION...:

K. 2(x-8) - (x-4) = 3(x+5) + 3	VERIFICATION

L. Your comments: How do you feel about these? Questions? Comments? Finding some harder than others? Easy? Explain