

## CW# 3.6

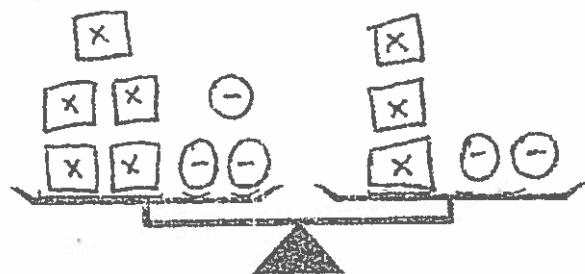
## Multi-Step Equations

Name: \_\_\_\_\_

1.) $8x + 5 = 5x - 10$	2.) $3x + 4 = 7x - 12$
3.) $7x + 6 = 4x - 9$	4.) $2x + 3 = 6x - 5$
5.) $7x + 4 = 5x - 10$	6.) $8x + 7 = 4x - 9$
7.) $15x - 10 = 9x + 8$	8.) $10x - 5 = 4x + 13$
9.) $65 + 15x = 30 + 25x$	10.) $60 + 30x = 40 + 35x$

11.)

Name: \_\_\_\_\_



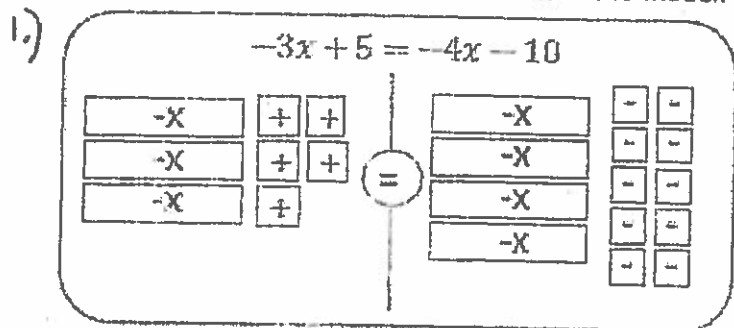
Write the Equation and solve

=

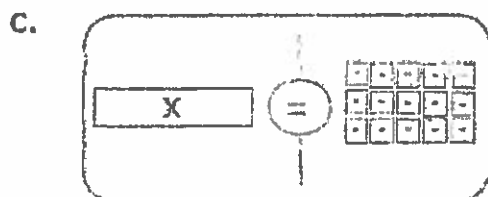
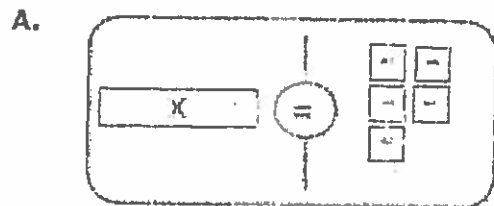
Record your answer and fill in the bubbles on the grid below. Be sure to use the correct place value.

+	0	0	0	0	.	0	0
-	1	1	1	1		1	1
	2	2	2	2		2	2
	3	3	3	3		3	3
	4	4	4	4		4	4
	5	5	5	5		5	5
	6	6	6	6		6	6
	7	7	7	7		7	7
	8	8	8	8		8	8
	9	9	9	9		9	9

The equation  $-3x + 5 = -4x - 10$  is shown in the model.



Which model below represents the solution to the equation?



2.) Customers have two options when renting video games from a rental store. Plan A requires a \$5 monthly fee and \$1 per video rental. Plan B requires an \$8 monthly fee and \$0.75 per video rental. How many video rentals would be required each month for the plans to cost the same amount?

- Ⓐ 8 video rentals
- Ⓑ 10 video rentals
- Ⓒ 12 video rentals
- Ⓓ 16 video rentals

