

## Bulletin Board Assignment - Have Your Work Displayed Across From D308!!

We will be grading your work on this assignment as a quiz for the second marking period. Anyone who hands it in on Monday October 10<sup>th</sup> will get an extra credit bonus on the next in-class full exam. The regular due date Thursday, October 24th.

If complete this to The Doctor's satisfaction and hand it in Monday, it can be displayed for the population of the building to enjoy.

**Part 1** – Solve one of the multistep equations below demonstrating the steps to completing the multi-step equation below.

- On the left side of the page show the work, and on the right side show the steps, as demonstrated below.
- Make sure your solution is correct; we recommend doing it on paper before putting in on the finished document.

<b>CHOOSE ONE OF THE FOLLOWING</b>		
$4(x + 3) = 6x$	$-5x + 13 = 2x - 43$	$3x + 5(2x - 8) = 220$

**Part 2** – On the bottom of the page create a multi-step equation OF YOUR OWN and solve it as you did in part 1.

- Your equation should include using the distributive property, combining like terms, or both!

<i>The Doctor's Multi-Step Equation</i>	
$-2(x - 12) = 4x$	Original equation
$-2x + 24 = 4x$	Distributive property
$+2x \quad +2x$	Add 2x to both sides
$\frac{24}{6} = \frac{6x}{6}$	
$4 = x$	Final answer

  

<i>My Multi-Step Equation</i>	
$-2(x - 12) = 4x$	Original equation
$-2x + 24 = 4x$	Distributive property
$+2x \quad +2x$	Add 2x to both sides
$\frac{24}{6} = \frac{6x}{6}$	
$4 = x$	Final answer

← THIS IS AN EXAMPLE! YOUR EQUATION MUST BE DIFFERENT FROM THE EXAMPLE AND IT MUST BE DIFFERENT FROM YOUR CHOSEN EQUATION FROM PART 1.

Please make sure you decorate your paper. We encourage using colors, stickers, construction paper, etc. Use glitter until your brain explodes from a fun overload. Perhaps some scrapbook materials such as small plastic weapons and animals. All that good stuff! Have fun with it.

### Rubric – Total 100 pts

- 40 pts Part 1: Correct solution and steps shown
- 40 pts Part 2: Correct solution and steps shown
- 20 pts Creativity, Beauty, and Fun Factor

\*\*\* See the website for downloadable pictures of The Doctor, The Cat, and Abe the Chicken \*\*\*