

Algebra Unit Portfolio

"I have mastery over this unit because..."

or

"I don't have mastery yet in the unit but I know I can gain it by..."

Directions:

1. Look over your quiz and the answer key provided. Look over your responses and see what areas you did well in and what areas you struggled in.
2. Make a copy this google doc titled "**Algebra Unit Portfolio**" and put it into your Semester 1 portfolio.
3. In the google doc, answer the following questions:

Which question(s) do you feel most confident about?

(In other words, you could explain to someone how to do the problem and why you were correct.)

Honestly all of them. I really thoroughly understand how to do all of this thanks to Mr. Aurmon, my classmates, and Randy. Randy's method of going through what the problem means step by step and de-simplifying makes it much easier to visualize and solve the problems.

$$4(5x + 7) + 2(x + 10) = (5x + 7) + (5x + 7) + (5x + 7) + (5x + 7) + (x + 10) + (x + 10)$$

This also helped when doing the 2nd challenge problem, because when I didn't know the "real" way to solve it, I just thought it out, and I found a way around my struggles.

Really try to think back throughout this unit...

Why do you think you were so successful with this problem?

- You had learned about it from a previous math class
- There was a problem in this unit that you really understood.
- There was something about the problem that makes sense to you
- Any other reasons...

I had learned this many times, but now I have something to visualize so I won't forget it like I do every year.

Find a question where you were incorrect and look over the answer key.

What feedback would you give yourself on a particular problem?

(typically, you only want to write questions when giving feedback)

I didn't get any wrong.

Look through your work and figure out where your error was:

- A small arithmetic mistake
- Didn't know how to get started
- Misunderstood the problem (ex: thought you had to solve for x but you didn't have to)

**Overall, how would you assess yourself on your understanding of solving equations/algebra based on this test and how you've done throughout this unit?
SHOULD BE AT LEAST A PARAGRAPH LONG**

Why?

Start this section with one of the two sentence starters:

- *"I have mastery over this unit because..."*
- *"I don't have mastery yet in the unit but I know I can gain it by..."*

I have mastery of this unit because I have completed all assignments and understand every problem that has been passed out in class. I have shown my understanding when explaining concepts and teaching my peers during group time. They all have shown their own understanding after my explanations, and if not, their questions push me to think deeper and learn more.

