**Unit 2 Choice Board**

You must earn **at least** 10 points. The number of points at the top of each column is the amount of points you get for each activity you complete. You can do a **maximum** of 12 points and the extra points will serve as extra credit on the assignment. If you are doing any of the 4- or 5-point activities you must get it approved by your teacher. *This assignment will count as two quiz grades*.

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| 2 point activities | 4 point activities | 5 point activities |
| 1. Create the following equations:  a. 1-step (only add, subtract, multiply, or divide)  b. 2-step (add or subtract, and multiply or divide)  c. Multi-step, simple (combine like terms, add/subtract, multiply/divide)  d. Multi-step with parenthesis  e. Multi-step with variables on each side.  2. Create a foldable or graphic organizer for solving equations, combining like terms, or graphing, and include some examples.  3. Error analysis: you will be given some problems and you have to decide where the error(s) are.  4. Justify each step: given problems, you must justify each step with a property  5. Create flashcard for all of the following:  a. The different ways to graph lines (Slope-intercept form, using a table, standard form to slope-intercept form, finding the slope between two points and creating the equation, how to create an equation given the graph)  b. All properties for operations and equality used in solving equations.  c. Combining like terms  d. How to solve equations (1-step, 2-step, and multi-step) | 1. Design a tissue box (or any other prism) the following way:  a. Top side: make a title  b. Back side: list all of the properties of operations and equalities with examples  c. Front side: examples of equations  d. Left side: create a real-world word problem and solve it  e. Right side: draw a model of your word problem  f. Bottom: write an equation (must be multiple steps with parenthesis), solve it, and justify each step as you do  **MUST BE CREATIVE AND COLORFUL**  2. Develop an activity/game that can be used as a Unit 2 review in class.  3. Design a graphing activity like the robot you did in class. You will need to draw it on grid paper.  a. Write down instructions, including line by line coordinates. Make sure your directions will re-create your drawing.  b. Your instructions and answer key should be on the same page. **Your answer key must be in color.**  4. Create a song, poem, rap, etc. about a topic that we have covered in this unit. You must perform this in front of the class. | 1. Create a lesson on a topic that we have covered in this unit – be sure to include examples, activities, homework, quizzes, etc.  2. Develop an assessment on one of the topics we have covered in class (keep in mind it doesn’t have to be a traditional test), must include some real-world models.  3. Create a pizzazz that covers the concepts we have covered in this unit.  Topics we have covered in Unit 2:   * Solving multi-step equations * Graphing equations (must include two different ways to graph) * Combining like terms * Properties of operations and equality |