

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

# December Choice Board (Algebra)



DUE: DECEMBER \_\_\_\_\_

Directions: You must do 2 different assignments. Each is worth 50 points and together add up to a test grade for the month. Answer them on a separate sheet of paper showing all work and attach them to this paper.

<p>Create a HOW-To worksheet or POSTER for linear equations. Have the sheet explain to students how to make an equation from a table. Show the difference between the slope(pattern) and the y-intercept(starting point)</p>	<p>Which set of ordered pairs satisfies a linear function?</p> <p>A <math>\{(-6, 6), (-3, 3), (0, 0), (3, 3), (6, 6)\}</math></p> <p>B <math>\{(-2, 6), (-1, 3), (0, 2), (1, 3), (2, 6)\}</math></p> <p>C <math>\{(-2, 6), (-1, 3), (0, 0), (1, -3), (2, -6)\}</math></p> <p>D <math>\{(6, -2), (6, -1), (6, 0), (6, 1), (6, 2)\}</math></p> <p>1.) Graph all four to prove.</p> <p>2.) for the linear function, find the equation</p> <p>3.) Give the slope, y-intercept and x-intercept for the function</p>	<p>Create a practice worksheet for the class using ten patterns you make up. Attach an answer key.</p>
<p>Copy/write 5 linear tables down one column of loose leaf. In the column next to it, write the equation for the table. Then write a statement under each equation telling how to find the m and b given the table.</p>		<p>Complete the quiz saved on my website or follow this link:</p> <p><a href="#">Chapter 4 Quiz - Algebra.pdf</a></p> <p>If you complete this activity, it is the only box you need to complete this month.</p>
<p>Copy/write 5 linear tables down one column of loose leaf. In the column next to it, write the equation for the table. Then write a statement under each equation telling how to find the m and b given the table.</p>	<p>Find a worksheet online that you can print out and complete. The worksheet should have you plot points and/or find the coordinates for given points. There should be at least 20 questions.</p>	<p>Create a PowerPoint of at least 5 slides re-teaching a topic we learned this month. Include vocab, examples and practice problems with answers. Print out the slides or email them to me.</p>