

Name: _____

October Choice Board (Algebra)



DUE: THURSDAY. OCTOBER 31

Directions: You must do 2 assignments from this page. 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 the sheet to both assignments.

<p>Create a table showing the first ten digits of the following graphs:</p> <ol style="list-style-type: none"> $y = 3x - 2$ $y = -5x + 8$ $y = 2x + 3$ $y = -6x - 9$ $y = 7x$ 	<p>Explain how to put the following in the calculator: $X + 7 = 12 + 3x - 7x$</p> <ol style="list-style-type: none"> Give directions Explain why this works 	<p>Define:</p> <ul style="list-style-type: none"> compound inequality inequality intersection union equation precision accuracy formula unit rate scale factor
<p>Describe the difference between $>$, $<$, \geq, \leq.</p> <p>Show a one-step and two-step example of each. Also explain how to set up a number line (open and closed circle, where to shade etc.)</p>	<p>Find the 5 hardest problems in Chapter 1.</p> <ul style="list-style-type: none"> Write them down Explain why someone might find the to be the hardest Solve/Attempt to solve 	<p>Create T-chart. Label the sides "Equations" and "Inequalities"</p> <ol style="list-style-type: none"> Give a definition of both Find 2 examples of both (4 total) How are the similar? How are they different?
<p>Write an equation and solve each of the following:</p> <ol style="list-style-type: none"> Alicia's brother is three years younger than twice her age. The sum of their ages is 24. How old is Alicia? Mahya is saving to take an SAT prep course that costs \$350. So far, she has saved \$180, and she adds \$17 to her savings each week. How many more weeks must she save to be able to afford the course? Kameryn types 75 words per minute and is just starting to write a term paper. Joe already has 510 words written and types at a speed of 60 words per minute. For what numbers of minutes will Kameryn have more words typed than Joe? 	<p>Draw and label a graph that is:</p> <ul style="list-style-type: none"> Horizontal Slanting upward Vertical Slanting downward <p>Create a story for the following:</p> <p style="text-align: center;">Graph A</p>	<p>Tell us about Absolute Value: What is it?</p> <p>What is the difference between $X + 3 = 10$ & $X + 3 \leq 10$</p> <p>Find the solutions.</p>

