
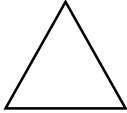


Choice Board **Formal Assignment**: Pick three items to do on this tic-tac-toe board, either vertically, horizontally, or diagonally. This paper, along with your choices done, will be turned in on **Monday, April 25<sup>th</sup>**. Attach all work to the back of this page, and label your choices.

<p>1) Solve and show all your work. Circle your answer.</p> $\frac{3y}{8} - 9 = 13 + \frac{y}{8}$	<p>2) Write an equation, show all your work, and circle your answer.            **The square and the equilateral triangle at the bottom have the same perimeter. Find the length of the sides of the triangle.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><math>x + 5</math></p> </div> <div style="text-align: center;">  <p><math>3x</math></p> </div> </div>	<p>3) Solve and show all your work. Circle your answer.</p> $3(9 - 8x - 4x) + 8(3x + 4) = 11$
<p>4) Develop a color code that highlights each step for solving this equation.</p> $5(x - 2) + 3 = 7x + 9$	<p>5) Develop an activity/game that can be done in class using multi-step equations. You may use problems from your notes and homework as questions for the activity/game or pick new problems. Work out the answers and show the work.</p>	<p>6) Error analysis: look at this problem. Decide where the error is. Explain in words what was done incorrectly and then solve the problem correctly.</p> $4(x + 7) = -12$ $4x + 28 = -12$ $\quad -28 \quad -28$ $\frac{4x}{4} = \frac{-16}{4}$ $x = -4$
<p>7) Write a letter to another student explaining how to solve this algebraic equation.</p> $14 - \frac{w}{8} = \frac{3w}{4} - 21$	<p>8) Create a foldable or graphic organizer for solving multi-step equations, includes some examples.</p>	<p>9) Write three multi-step equations on your own. Explain how you got the answers in words and show all of your work. If they are really good examples, you might see them on the unit test.</p>