




Name: \_\_\_\_\_ Teacher: \_\_\_\_\_ Block: \_\_\_\_\_

Choice Board: You must pick 3 items to do on this tick-tac-toe board, either vertically or diagonally. Shade in each box to show which activities you completed. Store all completed activities in a folder. This paper, along with your choices completed, will be turned in on November 29, 2022.

<p><b>20 points</b> Approximately <math>4.7 \times 10^7</math> disposable diapers are thrown away each day in the United States. How many are thrown away each year? Show all your work and write your answer in scientific notation.</p>	<p><b>20 points</b> Create a foldable or graphic organizer for solving multi-step equations, include some examples.</p>	<p><b>20 points</b> Google the distance from each planet to the Sun. Write the standard and scientific form for each planet. Create a visual to display your findings. Make it colorful and easy to understand.</p>
<p><b>30 points</b> You're locked out of your house and the only open window is on the second floor, 20 feet above the ground. You need to borrow a ladder from one of your neighbors. There's a bush along the edge of the house, so you'll have to place the ladder 15 feet from the house. What length of ladder do you need to reach the window?</p> 	<p><b>30 points</b> Write a letter to another student explaining how to solve this algebraic equation.</p> $14 - \frac{w}{8} = \frac{3w}{4} - 21$	<p><b>30 points</b> Determine a set of 8 Pythagorean "TRIPLES." Prove them with equations.</p>
<p><b>50 points</b></p> <p>a) <math>\left(\frac{-2d^{11}f^6}{c^{18}}\right)^2 =</math>      d) <math>\frac{4.2x^4y^{14}}{0.6x^9y^5} =</math></p> <p>b) <math>\left(\frac{d^{11}f^{16}}{d^6f^6}\right)^3 =</math>      e) <math>\frac{y^3(3zx)^2}{9x^3} =</math></p>	<p><b>50 points</b> Error analysis: look at this problem. Decide where the error is. Explain in words what was done incorrectly and they solve the problems correctly.</p> $4(x + 7) = -12$ $4x + 28 = -12$ $\frac{-28}{4} \quad \frac{-28}{4}$ $\frac{4x}{4} = \frac{-16}{4}$ $x = -4$	<p><b>50 points</b> Decide whether or not the following statements are true or false. If false, rewrite the sentence to make it true. Post your sentences in Canvas discussions or email them to me. 1. A number raised to a negative power is always negative. 2. The sides a and b are not interchangeable in a</p>

Math 8 Recovery Choice Board



Video Help

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c) $\frac{z^4 x^2 y}{zxy^2} =$ SIMPLIFY. SHOW ALL WORK.		right triangle. 3. An irrational number is made from decimals only.
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