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Summer Bridges: Incoming Grade 7 Math Choice Board

This summer, your child can continue building a strong foundation in mathematics by completing a Math Choice Board that also celebrates America's 250th birthday! He or she will also have the opportunity to earn ten extra credit points on the first math test of the 2026-2027 school year.

All completed choice board activities are due to your child's math teacher on Thursday, September 10, 2026.

Directions: Complete any **three** boxes **in a row** (horizontally, vertically, or diagonally). Be sure to keep all of your work to hand in to your new math teacher in September.

<p>Star-Spangled Ratios</p> <p>Create a red, white, and blue trail mix using 3 different snacks. Use ratios to describe your mix. Then double the recipe for a larger parade crowd. Write equivalent ratios and explain how you scaled the mix.</p>	<p>Parade Percent Challenge</p> <p>Look through grocery ads or pantry items and create a "4th of July Sale" flyer. Choose 5 items and calculate 10%, 25%, and 50% discounts. Show the original price, discount amount, and final sale price.</p>	<p>All American Data</p> <p>Survey at least 10 people about their favorite patriotic summer activity. Organize the data in a table and create a dot plot. Then write 3 observations about the data.</p>
<p>Patriotic Factors</p> <p>Find the Greatest Common Factor (GCF) and Least Common Multiple (LCM) of the numbers 26 (for 2026) and 50 (for the 50 states). Show your factor trees!</p>	<p>Revolutionary Rates</p> <p>If it takes you 4 minutes to fold 2 flags, how long will it take to fold 13? Create a ratio table to find the unit rate and the final answer.</p>	<p>The 1776 Equation</p> <p>Create at least 5 different equations where the answer is 1,776. Solve each equation, showing all work.</p>
<p>Colonial Populations</p> <p>Find population numbers for 5 colonies in 1776 and calculate the mean, median, and interquartile range. Show your work.</p>	<p>The Grand Parade Float</p> <p>Design a parade float! On paper, draw a composite shape made of at least one quadrilateral and two right triangles. Measure the sides in inches. Calculate the area of each piece and the total area of your float.</p>	<p>Parade Inequalities</p> <p>A town is preparing for an America 250 parade and needs enough supplies for visitors. Write 5 real-world situations and then write each as an inequality. Graph all inequalities. (Ex: "A parade float can hold at most 20 people.")</p>