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Summer Bridges: Incoming Grade 4 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.*

Parade Formations A local parade has 24 marchers. Draw three different ways to arrange the marchers and write the multiplication equation for each.	**Patriotic Quilt** Draw a patriotic quilt that includes 4 different quadrilaterals. Name each shape and describe one attribute.	**Fireworks Show** A fireworks show starts at 8:45 PM and ends at 10:20 PM. Draw both times on clock faces and figure out how long the show lasted.
Patriotic Pies Draw three berry pies (circles). Shade $\frac{1}{2}$ of the first, $\frac{2}{4}$ of the second, and $\frac{4}{8}$ of the third. Write an explanation of why these are equivalent fractions.	**4th of July BBQ** You have 36 watermelon slices to share equally among 9 families at a 4th of July BBQ. Write a division equation and draw a model showing how you split them up.	**Red, White, & Blue Data** Grab some red, white, and blue items. Sort the items by color. Create a scaled bar graph where each square = 2 snacks. Then, write and answer two "how many more" questions.
All-American Picnic Create and solve 5 multiplication or division word problems about food at a patriotic picnic. Show equations and answers.	**Patriotic Picnic Blanket** Draw a rectangular picnic blanket. Decorate it with patriotic patterns. Measure the length and width in inches. Find the area and perimeter. Show your work.	**The Parade Route** Use a ruler to draw an 8-inch parade route (line). Label 0 and 1. Divide the line into 8 equal parts. Label each eighth. Draw a star at ½ and show which "eighth" it matches!