Stratford Grade 4 Summer Math Menu 2021

Go on an angle search around the house. Can you find acute, obtuse, and right angles?	Interview a family member to see how they use math during the day.	Show ¾ with at least 4 different models/pictures.	Which has more tires: 15 tricycles or 12 cars? How do you know?	About how many hours do you sleep in a week? About how many hours do you sleep in a month?	Draw a picture that shows symmetry.	Find a favorite recipe. How much of each ingredient would you need if you doubled the recipe?
Measure the height of each family member to the nearest fourth of an inch. What is the difference in height between the tallest and shortest members of your family?	Bailey had 217 flowers. She put the same amount of flowers in each of 9 vases. How many flowers were in each vase? Did she have any flowers left over?	Estimate the number of cups it takes to fill a container with water. Try it. Can you estimate how many ½ cups it will take? Will it be more or less? Why?	Roll 3 dice to build a decimal to the hundredths (e.g., 2, 4, and 6 is 2.46). Tell what is 0.1 more than that number. Tell what is 0.01 more.	Think of a story problem you could solve with this equation: 15 x 4 = __. Tell the answer.	Roll 2 dice to build a decimal (e.g., roll a 4 and a 2 and make 0.42). Have a partner roll 2 dice to build a decimal. Whose decimal has the greater value? How do you know?	Play a game of Multiplication War. For each turn, each player flips over 2 cards and finds the product. The greater product wins the cards. Use:
Survey some people to find out which season they prefer. Make a bar graph to show the results.	If you cut 6 granola bars into fourths, how many fourths would you have?	Could 8 coins equal exactly $1.20? If so, what would the 8 coins be? Make a similar coin puzzle and see if someone can solve it.	Colin ran 2/3 mile and Liam ran 3/5 of a mile. Who ran farther? How do you know?	Predict how many times you can write your name in 1 minute. Try it.	Find 5 items in your house and measure them to the nearest fourth or eighth of an inch. Order them from shortest to longest.	Look through the house for objects that have symmetry. Use a string or piece of yarn to show the line of symmetry.
Find different measurement cups and spoons in the kitchen. Order them from smallest to largest.	Write 5 fractions that are the same as ¾. Tell how you know they have the same value.	Find the area of your bedroom floor.	Find 4 books. What is the total number of pages in all 4 books?	Write a story problem you could solve with this equation: 350 ÷ 5 = __. Tell the answer.	What time is it right now? What time will it be in 55 minutes? What time will it be in 2 hours and 10 minutes?	Find the heights of 5 U.S. mountains, then round each height (in feet) to the nearest thousand.
Draw a picture that has at least 4 sets of parallel lines, 4 right angles, and 4 perpendicular lines.	Use toothpicks (or straws) and mini-marshmallows (or small balls of clay) to create some three-dimensional shapes.					