Summer Math Calendar Going into Fourth Grade

Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher by August 31 in order to participate in a celebration. You can use a journal or notebook to keep track of your work. Include the date and show your work. Students may also complete math problems on MOBYMAX.

Monday	Tuesday	Wednesday	Thursday	Friday
Grab two handfuls of any of these: Cheerios, raisins, M&M's, mini-marshmallows (etc.). Place them into a clear glass or jar. Estimate how many items there are in the jar. Count the objects to see how close you are. Did you have a good estimate?	Look at advertisements for cars in the newspaper. Choose three cars you like. List the name of the car and the original price and round the price to the nearest thousand and then to the nearest hundred.	Using a restaurant menu, have each family member decide what he/she would order. List each person and the meal chosen. Find the total cost of all the meals they chose. Show your answer without rounding. Show your answer using rounding.	Draw two cards from a deck of cards (number cards only). Find the sum and difference of the cards. Repeat this 10 times	Draw two cards from a deck of cards (number cards only). Multiply the numbers on the cards. Repeat this 10 times
Go to the store with a parent. Record the time you arrive and the time you leave. How much time did you spend in the store?	Estimate the weight of 5 cans of fruits or vegetables. Weigh them to find their actual weight and calculate the difference between your estimate and the actual weight. Repeat this with 5 plates.	Gather 4 different boxes of food such as rice or cereal. List each object. Measure the height and width of each box in inches and centimeters. Which box is the thinnest? Which box is the widest?	Create a timeline for yesterday beginning at the time at which you woke up and ending at the time you went to bed. Include at least 8 events on your timeline.	Measure your height in inches. Measure the height of a parent. Write and solve an equation to determine how much taller your parent is than you.
Make a table of the temperature for the week. Calculate the difference between the highest temperature and the lowest temperature.	Play a game of Farkle. You keep score & write down the winner and the scores of all of the players.	Determine what time it is now. What time will it be in one half hour from now? Forty- five minutes from now? Two hours from now? Fifteen minutes before now?	Choose four animals. Survey 10 people and ask them what their favorite animal is. Create a bar graph to show your results.	Roll two dice. Multiply the two numbers rolled and write an equation to show this. Repeat this 10 times.
Flip a coin 10 times. Record how many times it landed on heads and tails. Multiply those two numbers together. Now have a friend do the same. Repeat this 4 times. The person with the highest product wins.	Draw a pattern using four different shapes. Have the pattern repeat three times. Do the same thing using three different shapes. The pattern must be more complex.	What is the greatest and the least number you can make using the digits 1, 4, 8, 2, 3 and 7? You may use each digit only once in a number.	Make a list (with products up to 100) of all the multiplication facts that are doubles (ex. 1 x 1= 1).	Take turns rolling 3 dice with a partner. After each turn find the product of the 3 numbers. Record your products and add them together after each turn. The first person to reach 500 wins.

AUGUST

4

Monday	Tuesday	Wednesday	Thursday	Friday
See how many different ways you can divide 20 small objects equally. Write a division equation for each way you find.	List the ages of each family member. Multiply the oldest and the youngest and write the product.	Weigh yourself on the scale. Multiply the number of pounds by your age.	Write an equation showing how 12 cookies could be shared between 2, 3, 4, and 6 children.	FInd the biggest shoes in your house. Estimate the length of the biggest shoe. Measure for accuracy. Use inches.
Have a multiplication war with another family member using playing cards.	Use a ruler to measure 3 things in your house. Arrange them in order from tallest to shortest.	Roll two dice. Write the four multiplication and division fact family sentences that include these two numbers.	Draw four shapes Color ½ of each shape red. Color ¼ of each shape blue.	Count the number of windows and doors in your home. Determine if these numbers are odd or even.
Using a small bag of pretzels, lay the pretzels out in even rows. (You may eat any leftovers.) Divide the total number of pretzels by the number of rows. Repeat this several times by making a different number of even rows.	If your family ordered two pizzas for dinner and each pizza had 8 slices in it, how many pieces of pizza would each of your family members be able to have (they each must have the same number of pieces). What could you do with any left over pieces?	Count the number of letters in each family member's names. Find the mean of these numbers by adding these numbers together and dividing by the number of names you used. Multiply each number and find the product.	Find 10 items in your house that are less than one foot long. Estimate how many inches long each item is. Measure the items and find the difference between your estimates and the actual lengths of the items.	Find a chapter book you want to read. If you were to read this book in exactly one week, how many pages would you have to read each day, if you read the same number of pages each day? Start reading the book today and see if you can finish it within seven days.
Go outside and gather as many rocks or pebbles as you can in 10 minutes. Count how many you have and multiply this number by 6 to see how many rocks you could gather in one hour (60 minutes).	Count out fifty cards from a deck. See how many different ways you can divide them into equal groups. Write your division sentences on paper.	Look in the newspaper or online to find out how many minutes long a movie you would like to see is. Multiply the number of minutes by 2. Determine how many hours and minutes this is.	How much money would you need to buy these items: M&M's $1.50, Peanuts, $2.75, Gummy Bears, $3.95, 1 apple, $.1.25? Bonus: what bills would you give? What change would you get back?	You and your family went on a road trip. How many miles did you travel to arrive at your final destination? Home to gas stop: 235 miles, gas stop to lunch break, 153 miles, 186 miles to gas stop, 95 miles to dinner break, 108 miles to hotel for the night, 204 miles to final destination.

Student Name: _____ Parent Signature: _____

Turn this completed form in with your work. You will be welcome to attend a celebration in September!