July 2022– Fourth Grade Summer Math Calendar

				1 Flip a coin 25 times. Write a fraction to show how many times it came up heads and another to show how many times it came up tails.
4 Roll two dice or number cubes. Total the numbers. Multiply that number by 4. Repeat this 5 times. 	**5** Use the numbers 4, 5, 3, and 2 and any operations (addition, subtraction, multiplication, or division) to create at least 10 problems that all have different answers. 	**6** Write two different number sentences that are equal to 48. Each number sentence must contain the four operations (addition, subtraction, multiplication, and division).	**7** A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weigh? 	**8** There are four cups in one quart and 4 quarts in a gallon. How many cups are there in 4 gallons of fruit punch? How many pints is this?
11 Linda is going to have new flooring put in her bedroom. If her bedroom is 8 feet by 10 feet how many square feet of flooring will be needed? What is the perimeter of Linda's bedroom?	**12** Ben has 6 square tiles. Each tile has a width of 8 inches. He lays the tiles down in a long row. What is the perimeter of the row of tiles? 	**13** Name some capital letters that when printed have at least one pair of parallel lines. Did you find any that have two pair of parallel lines? 	**14** Evan can paint 18 pots in one hour. His brother can paint 4 fewer pots per hour than he paints. How many pots can they paint in 3 hours, 30 minutes? 	**15** Tyler sent a package with one 60 cent stamp, four 32 cent stamps, three 25 cent stamps, and four one cent stamps. What was the total postage on the package?
18 Gary pays for his lunch with a $5.00 bill. He receives 5 quarters, 1 dime, 2 nickels, and 4 pennies in change. How much did his lunch cost? 	**19** A tree was planted 36 years before 1971. How old was the tree in the year 2005? How old will this tree be when you graduate from high school? 	**20** Three consecutive numbers have a sum of 30,000. What are the numbers? After you solve this problem, make up a similar one for a family member or friend to solve. 	**21** Make the largest and the smallest numbers you can using 4, 1, 7, 8, 5, and 2. Find their difference and their sum. 	**22** Grab a handful of marbles, candy, or something similar. Estimate the weight in ounces. Weigh the objects you used and find the difference between your estimate and the actual weight.
25 List at least 24 different combinations of coins that equal $1.00. (There are 294 ways!) 	**26** Find a chart or graph in the newspaper. Find the range of the numbers for the information that was graphed.	**27** If you get up at 7:30 and need to be at your friend's house at 8:15, how much time do you have to get ready if it takes you ten minutes to walk there? 	**28** Find all the different ways you can divide a deck of cards into equal amounts with no cards left over. Write division sentences to show the different ways you found.	**29** I have $1.00 in quarters, dimes, and nickels. What coins might I have?