Summer Math Activities for Students Entering 5 <sup>th</sup> Grade - June						
John runs twice as fast as his friend Sam. If Sam runs 3 mph, how long will it take John to run 6 miles? 9 miles?	Play a game. <b>Flip It &amp;</b> <b>Multiply*</b> (directions at end of calendars)	Show 4 different ways to make \$1.56 using coins and/or bills.	The largest pizza ever baked was 100 ft. 1 inch in diameter. It was cut into 94,248 slices. How big would a table have to be to hold this pizza?	What number is 10 more than 4,492? What number is 300 more than 4,830? What number is 500 more than 4,654?	A newborn koala weighs 1/10 of an ounce. If a full- grown koala weighs 20 pounds, how many times heavier is it than a baby koala?	Evan can paint 18 pots in one hour. His brother can paint 4 fewer pots per hour. How many pots can they paint in 3 hours and 30 minutes?
Tyler sent a package with one 60 cent stamp, 4 32 cent stamps, 3 25 cents stamps, and 4 one cent stamps. What was the total postage?	Sally drank 3 qt. of water. How many more 8 oz. cups does she need to drink to make a gallon? How many more total oz. is that?	What number comes 3 after 391 when you count? What number comes 3 before 391 when you count?	What number am I? The digits in my number are 3, 8, 4, and 1. I am odd. I have a 4 in my hundreds place. I am less than 2,000.	How can 13 children be arranged on a park ride that seats 2? 3? 4? 5? How many kids are left waiting?	Find the area of your bedroom floor. What room in your house could have twice the area of your bedroom? Half the area of your bedroom?	A tree was planted 36 years before 1971. How old is the tree in the year 2018? How old will this tree be when you graduate from high school?
3 consecutive numbers have a sum of 30,000. What are the numbers?	If there are 2 towns with 8 schools and 11 doors in each school, how many doors in all?	Make the largest and smallest numbers you can using 4, 17, 8, 5 and 2. Find their difference and their sum.	Gary pays for his lunch with a \$5 bill. He receives 5 quarters, 1 dime, 2 nickels, and 4 pennies in change. How much did his lunch cost?	Record all the two digit numbers in which the product of the 2 digits equals 24.	Go on a 3D scavenger hunt. How many cylinders, pyramids, cubes, and cones do you see? Create a table to show it.	What are the two digit numbers in which the difference between the 2 digits equals 5?
Play a game. Close to 1000* (directions at end of calendars)	What comes next in each pattern? 1,1,2,4,7, 4, 9, 16,25,, 49, 64	Find two objects in your home for which the length of one is double the length of the other. Measure	Measure the distance you can jump from a standing position. Record the distance of 5 jumps. What is your total?	Draw a design using 3 different shapes. See if another person can make the same design from listening to	The earth travels about 18 miles per second. IF the earth moves 100 miles, have more or less than 3 seconds	Play a board game. Examples: Connect Four, Checkers, Clue, or Monopoly OR play a card game: Uno, Fish,