Summer Math Activities for Students Entering 5th Grade - July

Go on a hexagon hunch. Where can you find hexagons? Make a pattern with hexagons.	Create these fractions: that is less than 1, greater than 1, that is less than ½	Over the next 5 days record the actual high temperature. Make a bar graph of the temperatures.	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 ways.	Play the game **Close to 1,000*** (directions for game at end of calendars)	Create the largest fraction you can.	What number am I? I am > 3,449 and I am <3,502. I have a 1 in my ones place and a zero in my tens place.
Begin with 35 and count by 7s to 77.	Draw a design that has symmetry.	Begin with 36 and count by 6s to 66.	Flip a coin 25 times. Write a fraction to show how many times it came up heads and one to show how many times it came up tails.	Write two different number sentences that are equal to 48. Each number sentence must contain the 4 operations.	Roll a die 25 times. Record the numbers that you roll each time. Which number came up the most? Least?	Imagine you are sharing 1 giant cookie among yourself and 5 friends. What fraction will each friend receive?
Estimate how many bananas total will weigh one pound? Check your estimate.	Play the game **Flip It & Multiply*** (directions are at the end of the calendars)	Name some capital letters that when printed have at least one pair of parallel lines. Any two parallels?	Start with 3,542. Add 100 more. Subtract 50. Add 8. What's your number? Is this a square number? Make your own number problem.	How many more nickels do we need to make $1 if we have 3 dimes and 5 pennies?	If I trade 12 ten-dollar bills for 2 hundred-dollar bills, am I getting a good deal? Explain your thinking.	Play Crazy Eights, Uno, or a board game.
How many hundred-dollar bills can we get if we have 14 ten-dollar bills?	Baby penguins eat about 2 pounds of food every hour. About how much does a baby penguin eat in 1 day?	Make the largest and the smallest numbers you can using 6, 9, 5, 3, 8, and 2. Fine their difference and their sum.	A growing child needs about 10 hours of sleep each night. About how many minutes of sleep does a growing child need each night?	It takes about 5 seconds for the sound of thunder to travel 1 mile. How far can the sound of thunder travel in ½ minute?	People dream an average of 5 times a night. About how many dreams might you have in 1 year?	Play a card game: Uno, Fish, Crazy Eights OR Checkers, Connect Four, or Clue.