Summer Math Activities Calendar for Students Entering 6th Grade - June

Read a math book such as If You Made a Million by Schwartz or Math Potatoes by Greg Tang	What are the dates in this week? Which dates in this week have more than 2 common factors?	What is today's date? How many dates are left in this month are prime numbers?	The width of a math book is 0.75 inches. How many math books can be placed on a shelf that is 18 inches wide?	Write 10 different equations that equal 23. Use all operations, decimals and fractions.	What could the dimensions be for a rectangle that has an area of 24 sq. in? Explain your answer.	Give the dimensions of a rectangle with the perimeter of 24 inches.
Play the game Triple Compare. (directions under Double Compare on game directions.	What number times 10 will have the product of 27? What number times 100 will a product of 27?	What number times 1000 will have the product of 27? Explain the pattern using yesterday's.	Len wants to arrange 28 cans in a triangular shape. How many rows will there be in his arrangement? Draw a picture of it.	Write an expression for triple the sum of 16 and 25. What is the answer?	Read a book during the next 2 days such as A Fly on the Ceiling by Glass, Sir Curcumference and the Dragon Pi	Books continued: by Neuschwander, X Marks the Spot by Penner, A Cloak for the Dreamer by Friedman,
Jen is 12. Amy is 13. In 25 years what will be the product of their ages?	Carl bought 3 ice Cream bars for $3.45. How much money will 5 cost?	Nivea is multiplying 45 and 137. What Is the final product?	An aluminum can 5 inches tall is cut and laid flat. What is the perimeter of the flattened piece if the circumference is 9in?	Kim tripled a recipe and had to use 1 ¼ dozen eggs. How many eggs were in the original recipe?	In a car lot there are 38 rows with 25 spots in each row. How many parking spots are there in all?	Which decimal is greater 0.9 or 0.77? Explain your answer.
Find the perimeter and area of a square that has a length of 15 feet.	Six friends have 4 sandwiches to share. What fraction of a sandwich would each get?	Try a probability lesson at That Quiz. http://www.tha tquiz.org	Would you rather have 5/12, 4/8, or ¾ of a chocolate bar? Why? Draw a picture to explain your answer.	Find a fraction, percent or decimal in a newspaper or article. What does it relate to?	I am a number less than 50. When divided by 5, my remander is 4. Who am I?	Is a circle a polygon? Why or why not?