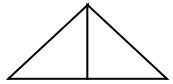
June 2022 – Fourth Grade Summer Math Calendar

		1 List at least 24 different combinations of coins that equal $1.00. (There are 294 ways!) 	**2** Survey five people to find their favorite outdoor activity. Graph the results 	**3** Find a chart or graph in the newspaper. Find the range of the numbers for the information that was graphed. 
6 Gather 5 books. Determine how many pages are in each book. Find the mean, median, and mode of these numbers. 	**7** Figure your age in months. 	**8** Figure out how many days old you are. Don't forget leap years! 	**9** Gather three store receipts. Find the total amount that was spent not counting the tax. 	**10** Measure the length and width of your bedroom. Multiply to find the area. Be sure to label your answer with the correct unit of measurement.
13 Gather 5 different size boxes. Measure their height and width in inches and centimeters. Order the heights from smallest to largest. Do the same for the widths. 	**14** Using an eyedropper, drop water onto different sized coins. Count the number of drops you can put on each coin before water begins to spill off. Graph your results using a bar graph.	**15** Use a magazine to find three pictures that have at least one line of symmetry. 	**16** Calculate the average age of the people that live in your house. How would the average change if your grandmother lived with you and she was 90 years old? 	**17** Make five triangles using ten toothpicks. Hint: In the drawing below 5 toothpicks were used to make 3 triangles. 
20 Empty out a small bag of different colored candy. Express the amount of each color of candy as a fraction. (Hint: The number of pieces of candy of each color to the total number of candies you have.) 	**21** Keep track of the high and low temperatures for one week. Next Tuesday, find the mode, median and range for both sets of numbers (high and low). 	**22** Using a deck of cards, take two cards at a time and multiply the numbers. (Let a Jack = 11, a Queen = 12, and a King = 0, and an Ace = 1.) Write the multiplication equation for each pair of cards. Repeat this until all the cards have been used.	**23** Do jumping jacks for one minute and count how many you were able to do. Do sit-ups for 15 seconds and count how many you were able to do. Divide the number of jumping jacks you did by the number of sit ups you did.	**24** Find four numbers that are larger than 1,000 in a newspaper. Put them in order from least to greatest and then order them from greatest to least. Find the range of the numbers (difference between the largest and smallest number).
27 Use outdoor chalk to draw a hexagon, pentagon and octagon on the driveway or sidewalk. Now see if you can find a line of symmetry for each.	**28** I have $1.00 in quarters, dimes, and nickels. What coins might I have for $2.30? 	**29** If you have a total of 24 coins and divide them into evenly numbered stacks, how many coins would be in each stack?	**30** Using a ruler and 3 different pages in a newspaper, measure the articles on each page and determine which is the longest. Which is the shortest?	.