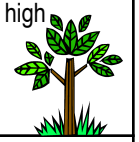
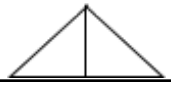
July 2025 – Fourth Grade Summer Math Calendar

	1 A tomato plant is 48 inches tall. How many times as tall is the tomato plant as a pepper plant that is 8 inches tall?	**2** Arianna has 12 nickels. She has 6 times as many nickels as Brenda. What is the value of all the coins Arianna and Brenda have? 	**3** Roll two dice or number cubes. Total the numbers. Then multiply the total by 4. Repeat 5 times. number 	**4** 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. 
7 Write two different number sentences that are equal to 48. Each number sentence must contain the four operations (addition, subtraction, multiplication, and division).	**8** A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weigh? 	**9** 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? 	**10** 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?	**11** 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? 
14 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? 	**15** 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? 	**16** 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? 	**17** 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? 	**18** A tree was planted 36 years before 1971. How old was the tree in the year 2025? How old will this tree be when you graduate from high school? 
21 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. 	**22** Make the largest and the smallest numbers you can using 4, 1, 7, 8, 5, and 2. Find their difference and their sum. 	**23** 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.	**24** Find a book you want to read. If you were to read this book in exactly one week, how many pages would you have to read each day, if you read the same number of pages each day? Start reading the book today and see if you can finish it within 7 days. Good Luck!	**25** 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 Estimate the product and then solve the following problems: 432 x 7 35 x 67 236 x 52	**29** Estimate the quotient and then solve following problems: 5,672 ÷ 5 7,934 ÷ 6 3,762 ÷ 4	**30** John ran 18 laps. Sarah ran 5 laps. John ran twice as far as Mika and Sarah combined. How many laps did Mika run?	**31** List at least 24 different combinations of coins that equal $1.00. (There are 294 ways!)	

August 2025- Fourth Grade Summer Math Calendar

				1 Figure out how many days old you are. Don't forget leap years! 
4 Find your pulse in your neck or wrist and count the number of beats in 15 seconds. Now find out how many beats per minute (multiply by 4). Do jumping jacks for 1 minute and then take your pulse for another 15 seconds. Find the number of beats per minute.	**5** Gather three store receipts. Find the total amount that was spent not counting the tax. 	**6** 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). 	**7** 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. 	**8** 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.
11 Use a magazine to find three pictures that have at least one line of symmetry. 	**12** Make the target number 20 using 1,5, 6 and 9. Use each number once in any combination. (+, -, x, ÷)	**13** Make five triangles using ten toothpicks. Hint: In the drawing below 5 toothpicks were used to make 3 triangles. 	**14** Use a grocery store ad to create a dinner shopping list. How much money will your dinner cost?	**15** 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.
18 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.	**19** Help a family member cook a meal. Talk about how you would double or triple the recipe. Figure out what time it will be when the dinner is finished cooking.	**20** 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).	**21** Make the target number 24 using 2,3,5 and 6. Use each number once in any combination. (+, -, x, ÷)	**22** I have $1.00 in quarters, dimes, and nickels. What coins might I have for $2.30? 
25 If you have a total of 24 coins and divide them into evenly numbered stacks, how many coins would be in each stack?	**26** When you leave to go to the store, write the time down. When you get home write the time down. Figure out how much time has elapsed.	**27** Figure your age in months. 	**28** Find a chart or graph in the newspaper or online. Find the range of the numbers for the information that was graphe	**29** Gather 5 books. Determine how many pages are in each book. Find the median, mode and range of these numbers.