



Summer Math Calendar Going into Sixth Grade

Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher by August 31 in order to participate in a celebration. You can use a journal or notebook to keep track of your work. Include the date and show your work. You may also work on IXL on the areas that were assigned from your teacher.

Monday	Tuesday	Wednesday	Thursday	Friday
Figure your age in months. Figure out how many days old you are. Bonus: Don't forget leap years!	Find a chart or graph in a magazine or newspaper. Find the range of the numbers for the information that was graphed.	Gather 5 chapter books. Determine how many pages are in each book. Find the mean, median, and mode of these numbers.	Using a restaurant menu or newspaper advertisement, choose an appetizer, salad, main dish and dessert. Find the total of your meal.	Figure out how many days old a 75 year old grandparent is. How many months have has he/she been alive?
Draw a backyard that has 124 feet in length and 80 feet wide. Every inch is 2 feet.	List at least 12 different combinations of coins that equal \$1.50.	Use magazines to find three pictures that have at least one line of symmetry.	Gather four store receipts. Find the total amount that was spent including tax.	Select 5 indoor activities. Survey 12 people to find their favorite indoor activity of the 5. Graph and label the results with a bar graph. Bonus: Draw and label a pie graph.
Draw a square, rectangle, and circle. Divide each shape into 5 equal parts. Shade $\frac{2}{5}$ blue.	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 75 years old?	Empty out two small bags 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.)	Find four numbers that are larger than 1,000 in a newspaper or magazine. Put them in order from least to greatest and then order them from greatest to least. Add them to get a sum.	Write down the names and prices of four cars you find in the newspaper or online. Order the prices from least to greatest. Round the price of each car to the nearest thousand.
Spend 15 minutes playing multiplication war with a friend or family member.	Use outdoor chalk to draw a hexagon, pentagon, and octagon on the driveway or sidewalk (or use paper/pencil) Now see if you can find a line of symmetry for each.	Gather 7 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.	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. What is the perimeter?	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.



Monday	Tuesday	Wednesday	Thursday	Friday
Use the numbers 4, 5, 3, and 2 and any operations (addition, subtraction, multiplication, division) to create at least 10 problems that all have different answers.	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 different ways you found.	Add the following fractions: $\frac{1}{4} + \frac{3}{4} =$ $\frac{2}{5} + \frac{2}{5} =$	Roll a pair of dice. Multiply the numbers then add 12. Do this six times.	A cantaloupe weighs 66 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weight? Bonus: What if you had 2 cantaloupes?
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?	There are four cups in one quart and 4 quarts in a gallon. How many cups are there in 6 gallons of fruit punch? Bonus: How many pints is this?	Two students went on a long bike ride over the three-day weekend. They rode a total of 229 miles. How many miles did they ride each day? One biker went an additional 18 miles. What are the total miles each rider went?	Roll two dice. Total the numbers. Multiply that number by 4. Repeat this 5 times. Total the numbers. Multiply that number by 4. Repeat this 5 times.	Ellie has 13 square tiles. Each tile has a width of 8 inches. She lays the tiles down in a long row. What is the perimeter of the row of tiles?
Write two different number sentences that are equal to 48. Each number sentence must contain the four operations (addition, subtraction, multiplication, and division).	Sophie 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?	A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weight? Bonus: What if you had 2 cantaloupes?	A parent brought in 540 M&M's and 225 Skittles, 80 Starburst, and 465 Reece's Pieces. There are 16 students in the class. How many of each candy will they receive? How many of each type is leftover?	If you get up at 7:15 a.m. and need to be at your friend's house at 8:30 a.m., how much time do you have to get ready if it takes you fifteen minutes to walk there? How about if you get up at 7:45?
Find and measure in inches 8 pairs of shoes. What's the total length of shoes if you lined them up one after another, heel to toe?	Use a ruler to draw a 6 cm by 4cm rectangle. Then find its perimeter. Now find its area. Be sure to label your answers. Now find the area and perimeter of a square that has sides that are 7 inches long.	Ellie has 6 square tiles. Each tile has a width of 8 inches. She lays the tiles down in a long row. What is the perimeter of the row of tiles?	The KPTA bought 225 hot dogs, 84 bottles of Gatorade and 125 bags of chips. Every 25 hot dogs costs \$6.45. Every 12 bottles of Gatorade costs \$4.95. Every 25 bags of chips costs \$5.50. How much did they spend?	Write these numbers in expanded form: 19,567, 180,432, and 41,098,670.

Student Name: _____ Parent Signature: _____

Turn this in with your work. You will be welcome to attend a celebration in September!