

Entering 4th Summer Math Calendar

JULY 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 When rounding to the nearest ten, what is the smallest whole number that will round to 50?	4 Practice math facts in a fun way at the website www.multiplication.com What games did you play?	5 Compare the fractions below. Use the symbols >, =, or < to record your comparisons. Draw a picture to illustrate your answer. 2/6 and 5/6 1/2 and 1/3	6 Play a game such as Monopoly, Mastermind, or Mancala. What strategy did you use? Would you use the same strategy again?	7 Play the Product Game at www.illuminations.nctm.org Record the strategy that you used.	8
9	10 Draw a 6-inch number line that begins with 0 and ends with 1. Roll a die. Divide your number line into this number of equal segments. Label the segments. Explain your thinking.	11 Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for \$3.00 each. How much money did Rosa receive?	12 Write a story problem that can be solved using the number sentence $9 \times 3 = \underline{\hspace{2cm}}$	13 I am a number between 20 and 30. When you divide me into 6 equal groups, there is an even number in each group and 2 are left over. What number am I? Write your own division riddle.	14 Read <i>The Best of Times</i> by Greg Tang. Make a set of flash cards and practice the multiplication facts.	15
16	17 Play Chairs at www.illuminations.nctm.org If you have 8 tables, what's the greatest number of people you can seat in a line?	18 Arrange the fractions in order, beginning with the least. Explain your answer with a picture. 1/5, 1/7, 1/3	19 Use the numbers 3, 5, and 15 to write a multiplication number story. Write a related division story. Write a number sentence for each story.	20 Find a newspaper and cut the articles or pictures out. Organize them by area from least to greatest.	21 Figure your age in months. How many months old are you?	22
23/30	24/31 Roll 2 dice and multiply to find the product. Record the products. Do this 25 times. Create a bar graph with the results. What do you notice? Play the game Multiplication War .	25 Read <i>Pigs Will Be Pigs: Fun with Math and Money</i> by Amy Axelrod. Get a menu from a restaurant and add up what it would cost for your family to eat there.	26 Draw a picture of a trapezoid. Draw a picture of a rectangle. How are they alike? How are they different?	27 Masha had 120 stamps. First, she gave her sister half of the stamps and then she used three to mail letters. How many stamps does Masha have left?	28 Make up a song about even and odd numbers.	29

Deal out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product repeat the procedure. Winner takes all the cards.

AUGUST 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Have a scavenger hunt for real-world examples of right angles. (Ex: the corner of a book)	2 Plan a meal for your family. With an adult, make a list of the ingredients, go shopping, and then follow the recipes. Are there fractions in your recipes?	3 Choose one activity for a day and record the start and stop time. Calculate the elapsed time for the activity. (Ex: Time you wake up and go to sleep) (Challenge: Convert all of your times into minutes or hours!)	4 Choose an activity from www.gregtangmath.com	5
6	7 Find 4 numbers larger than 1,000 in the newspaper. Put them in order from least to greatest. What is the difference between the smallest and the largest?	8 Play Concentration at www.illuminations.nctm.org Choose cards: fractions Games: face down Draw pictures that represent some fractions.	9 Select ten items from a grocery flyer and find the total cost of the items. Calculate how much change you would receive from a one hundred dollar bill.	10 The product of two numbers is 30. The sum of the two numbers is less than 20. What might the two numbers be? Show all possible solutions and explain your thinking.	11 Write multiplication and division combinations for 6, 7, and 42. Can you write a word problem to go with these equations?	12
13	14 When rounding to the nearest hundred, what is the smallest whole number that will round to 500? The largest? How many different whole numbers will round to 500?	15 Write a word problem whose answer is 12. Have someone solve the problem. Choose another answer and make up a problem.	16 There are 6 tables in Mrs. Potter's art classroom. There are 4 students sitting at each table. Each student has a box of 10 colored pencils. How many colored pencils are at each table? How many colored pencils in total?	17 A farmer has chickens and cows. What combination of animals could total 24 legs? Is there more than one combination?	18 Play the game Multiplication War . (Directions on July 1.)	19
20	21 Play a game such as Yahtzee, Connect 4, or Battleship. What strategy did you use? Would you use the same strategy again?	22 Family fun! Go on a road trip. Write down the miles on the odometer when you leave. Write down the miles when you get home. How many miles did you travel?	23 Try a new activity at www.coolmath4kids.com Challenge yourself.	24 Read The \$1.00 Word Riddle Book by Marilyn Burns. What is your name worth? What is the most expensive word you can make?	25 Choose 1 number: 2, 3, 5, or 6. Double the number you chose. Double the sum. Keep on doubling until you get a sum that is greater than 1,000. How close to 1,000 is the number you reached?	26
27	28 Try a new game at www.funbrain.com Challenge yourself.	29 Read Fraction Fun by David Adler. What is larger, $\frac{2}{3}$ or $\frac{3}{4}$? How do you know? Prove it.	30 Gather 3 store receipts. Find the total amount that was spent.	31		

_____ # of Activities Complete X _____	_____ (Parent Signature)
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