

Entering 5th Summer Math Calendar

JULY 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 Solve the riddle: I have 5 in the tenths place. I have 7 in the thousandths place. I have 4 in the ones place. I have 2 in the hundredths place. What decimal am I? Write your own riddle.	4 Go to www.gregtangmath.com Choose some worksheets to complete.	5 With a partner take turns scooping coins from a cup. Write total in dollars and cents using decimal notation. Compare totals using $<$, $>$, or $=$. Take ten turns.	6 Skip count by 5's starting at 1. What patterns did you notice? Explain why you think these patterns are happening.	7 Play the Product Game at www.illuminations.nctm.org Recrd the strategy you used.	8
9	10 Identify, record, and classify angles: acute (less than 90°), obtuse (greater than 90°), right (90°) in everyday things. (Buildings, bridges, furniture, etc.)	11 Write down the names and prices of 5 cars you find in the newspaper. Order the prices from least to greatest. Round the prices to the nearest thousand.	12 15 friends want to order pizza for dinner. They predict each person will eat $\frac{1}{3}$ of a pizza. How many pizzas should they order? What if there were 9 friends?	13 Go to the website www.setgame.com Play!	14 The sum of two mixed numbers is 5. What might the two mixed numbers be? Show as many different solutions as you can. Explain your strategy.	15
16	17 Play Multiplication Compare. Remove all the face cards from a deck of cards. The ace will equal 1. Deal out the cards equally between 2 to 3 players. Each player turns over 4 cards and multiplies a 2-digit number by a two-digit number. Use the symbols $<$, $>$, or $=$ to compare the products. The person with the highest product wins all the cards.	18 Play a strategy game such as Monopoly, Battleship, Othello, Mastermind, or Mancala. What strategy did you use? Would you use it again?	19 Make a paper airplane and fly it. Measure how far it goes. Try a few times. Record your distances. Is it more accurate to use kilometers, meters or centimeters to measure?	20 Play Baseball at www.funbrain.com Challenge yourself!	21 Find the area of your bedroom floor. What room in your house could have about twice the area of your bedroom or about half the area of your room? Check.	22
23/30	24/31 Write down the numbers you see on 2 license plates. Create 4 math problems with these numbers using all 4 operations (+, -, \times , \div) www.multiplication.com Choose some fun activities and have fun practicing multiplication. Record choices.	25 Read <i>A Grain of Rice</i> by Helena Pittman. Calculate how many grains of rice she will receive on day 18. How many will she have altogether?	26 Tom and Ben ordered a pizza for lunch. They each ate $\frac{1}{3}$ of the pizza How much pizza was eaten? How much pizza was left?	27 Write three facts about the number 28. Is this number prime or composite? How do you know? Round this number to the nearest 10.	28 Play a game such as Yahtzee, Connect 4, or Simon. What strategy did you use? Would you use the strategy again?	29

AUGUST 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 A regular pentagon measures 2 $\frac{1}{8}$ cm on one side. What is the perimeter of the pentagon?	2 Visit the game room at www.aplusmath.com Record what you played.	3 Visit the website www.mathplayground.com and play the logic games. How did you do?	4 Draw a design using symmetry. What makes your design symmetrical?	5
6	7 Measure 10 objects to the nearest $\frac{1}{4}$, $\frac{1}{2}$, or $\frac{1}{8}$ inch. Put the data on a line plot. How many objects measured $\frac{1}{4}$ inch? $\frac{1}{2}$ inch? Add the objects together end to end. What is the total length?	8 The difference between two mixed numbers is $3\frac{1}{4}$. What might the two mixed numbers be? Show as many different solutions as you can. Explain your strategies.	9 Play Close to 100. Deal 8 cards to each player. Use any 6 cards to make two 3-digit numbers. Try to make the sum close to or exactly 1000. For ex. You combine 148 and 853 to make 1001. Your score is 1 because the difference between 1001 and 1000 is 1. The lowest score after five rounds wins!	10 Play Concentration at www.illuminations.nctm.org Choose: fractions, face down Draw pictures that represent some fractions.	11 Vowels are worth \$50 each, consonants are worth \$40. Can you make a word worth exactly \$200? \$600?	12
13	14 I earn \$5 per hour babysitting and \$4 per hour for weeding the garden. Last week I did 7 hours of babysitting and 6 hours weeding. How much more money do I need to buy a game that costs \$80.00?	15 Play Fraction Game at www.illuminations.nctm.org How many moves did it take to get all the red markers to the right side? Can you beat your score?	16 Measure the perimeter of two different sized windows in your home. Find the difference of the perimeters.	17 A cake recipe calls for you to use $\frac{3}{4}$ cup of milk, $\frac{1}{4}$ cup of oil, and $\frac{2}{4}$ cup of water. How much liquid was needed to make the cake? Is this more or less than a pint? How do you know?	18 Write a word problem whose answer is 154. Have someone solve the problem.	19
20	21 List some capital letters. (H, F...) that have one pair of parallel lines. Are there any that have two pair of parallel lines or three?	22 Make the largest and smallest numbers you can find using the digits 4, 1, 7, 8, and 2. Find their difference and sum.	23 Try a new activity at www.coolmath4kids.com Challenge yourself! What did you choose to do?	24 What factors can you use in this equation, $___ \times 5 = ____$ to make a product that is an odd number between 30 and 60? Show all possible solutions. Explain your strategy.	25 Use 5 playing cards to make the largest 5-digit number possible. Represent the number in numeral, word, and expanded forms. Repeat with 5 more cards.	26
27	28 A lawn water sprinkler rotates 65 degrees and pauses. It then rotates 25 more degrees. What is the total degree rotation of the sprinkler? To cover a full 360 degrees, how many more degrees will it move?	29 Play the game Close to 100 . (Directions on August 10.)	30 Have a scavenger hunt for real-world examples of parallel lines. (Ex: railroad tracks)	31		

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