Summer Math Calendars for Students Entering Fifth Grade – Sudley Elementary

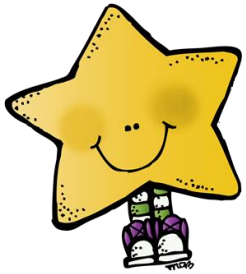
Grade 4 into 5

Dear Parents,

These Summer Math Calendars are full of fun, everyday ways that your child can practice and reinforce their math skills over the summer. Your child may work independently on some activities, while on others they will need to collaborate with someone at home. We encourage you to talk with your child throughout the summer about what they are doing and learning in the activities. This will reinforce their understandings and give you an opportunity to learn more about the math skills that they are working on. While this work is optional, we encourage all students to do the activities and share their work with their fifth grade teacher in August. ***Students who return their completed math activity calendars by August 20, 2025, will receive a ticket for a free snow cone to enjoy during the first week of school.***

Directions for the student:

1) Complete **at least** 35 math boxes over the summer. You can do them in any order. **A parent or guardian must initial each day's completed activity.**
2) Use the enclosed recording sheets to show work and/or answers for activities. Feel free to attach additional pieces of paper with your work to the calendars.
3) We hope you have fun with these activities AND have an awesome summer!



Student Name: _____

MATH ROCKS

This Way to the FUN

Entering Grade 5 Summer Math Calendar – June 2025

1. Using a restaurant menu or newspaper advertisement, choose an appetizer, salad, and main dish. Find the total of your meal.	2. Start with 3,542. Add 100 more. Subtract 50. Add 8. What's your number? Make your own number problem for a family member to solve.	3. 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?	4. What number is 10 more than 4,492? What number is 300 more than 4,830? What number is 500 more than 4,654?	5. Measure the perimeter of two different sized windows in your home. Find the difference of the perimeters.
Day 1 **Parent Initials** _____	**Day 2** **Parent Initials** _____	**Day 3** **Parent Initials** _____	**Day 4** **Parent Initials** _____	**Day 5** **Parent Initials** _____
6. Gather three store receipts. Find the total amount that was spent without counting the tax.	7. Make 5 triangles using ten toothpicks.	8. Survey five people to find their favorite outdoor activity. Graph the results.	9. Kate's garden is in the shape of a square with a perimeter of 32 feet. What is the area of her garden?	10. Determine the pattern. What comes next? 4, 9, 16, 25, _____
Day 6 **Parent Initials** _____	**Day 7** **Parent Initials** _____	**Day 8** **Parent Initials** _____	**Day 9** **Parent Initials** _____	**Day 10** **Parent Initials** _____
11. Using a deck of cards, take two cards at a time and multiply the numbers. (Note: Let Jacks = 11, Queens = 12, Kings = 0, & Aces = 1) Write the multiplication equation for each pair of cards. Repeat this until all the cards have been used.				
Day 11 **Parent Initials** _____				

Student Name: _____

Entering Grade 5 Summer Math Calendar – July 2025				
	12. 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?	13. 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 area and perimeter of Linda's bedroom?	14. What's the rule for my input/ output machine? Input / Output 2 / 5 4 / 9 10 / 21	15. Write four (related fact) equations for each set of numbers: 8, 56, 7 6, 9, 54 32, 4, 8
	Day 12 **Parent Initials** _____	**Day 13** **Parent Initials** _____	**Day 14** **Parent Initials** _____	**Day 15** **Parent Initials** _____
16. 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.	17. Using an eyedropper, drop water onto different size 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.	18. 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.)	19. Write down the names and prices of five cars you find in the newspaper. Order the prices from the least to the greatest. Round the price of each car to the nearest thousand.	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.
Day 16 **Parent Initials** _____	**Day 17** **Parent Initials** _____	**Day 18** **Parent Initials** _____	**Day 19** **Parent Initials** _____	**Day 20** **Parent Initials** _____
21. Flip a coin 25 times. Write a fraction to show how many times it came up heads and one to show how many times it came up tails.	22. Change the fractions you wrote yesterday to decimals. Add the fractions together and change the answer to a decimal.	23. Use outdoor chalk to draw a hexagon, pentagon, and octagon on the driveway or sidewalk.	24. Show the fraction $\frac{3}{5}$ in 3 different ways.	25. Roll two dice or number cubes. Total the numbers. Multiply that number by 4. Repeat this 5 times.
Day 21 **Parent Initials** _____	**Day 22** **Parent Initials** _____	**Day 23** **Parent Initials** _____	**Day 24** **Parent Initials** _____	**Day 25** **Parent Initials** _____
26. Use the number 4, 5, 3, and 2 and any operations (addition, subtraction, multiplication, division) to create at least 10 problems that all have different answers.	27. Write four different multiplication equations that are equal to 48.	28. A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weigh?	29. 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.	30. Measure the length and width of a cereal box. Find the area of the front of the box. Be sure to label your answer with the correct unit of measurement.
Day 26 **Parent Initials** _____	**Day 27** **Parent Initials** _____	**Day 28** **Parent Initials** _____	**Day 29** **Parent Initials** _____	**Day 30** **Parent Initials** _____
31. If you watched TV for 6 hours, how many minutes would that be?	32. Write all of the factors of 42.	33. Begin with 36 and count by 6s to 72.	34. Round 36, 428 to the nearest thousand.	
Day 31 **Parent Initials** _____	**Day 32** **Parent Initials** _____	**Day 33** **Parent Initials** _____	**Day 34** **Parent Initials** _____	

Student Name: _____

MATH ROCKS

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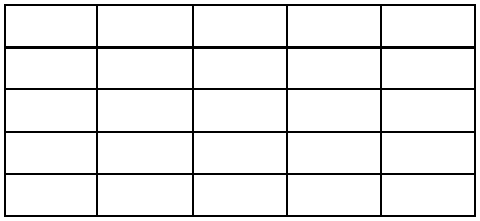
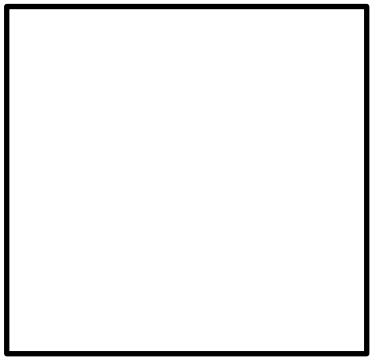
Entering Grade 5 Summer Math Calendar – August 2025

				35. Vowels are worth $50 each and consonants are worth $40 each. How much is your name worth? Can you make a word worth exactly $200? $600?
				Day 35 **Parent Initials** _____
36. 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?	37. Name some capital letters that when printed have at least one pair of parallel lines. Did you find any that have two pairs of parallel lines?	38. Evan can paint 18 flowerpots in one hour. His brother can paint 4 fewer flowerpots per hour than he paints. How many flowerpots can they paint in 3 hours?	39. 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?	40. Find out the time the sun rises and sets today. Calculate the amount of daylight for today.
Day 36 **Parent Initials** _____	**Day 37** **Parent Initials** _____	**Day 38** **Parent Initials** _____	**Day 39** **Parent Initials** _____	**Day 40** **Parent Initials** _____
41. 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.	42. Use a ruler to draw a 3 cm by 4 cm 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 5 inches long.	43. 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?	44. Express the fractions as decimals. $\frac{4}{10}$ $\frac{37}{100}$ $\frac{9}{100}$	45. Explain how finding 7 x 20 is similar to finding 7 x 2000. Then find each product.
Day 41 **Parent Initials** _____	**Day 42** **Parent Initials** _____	**Day 43** **Parent Initials** _____	**Day 44** **Parent Initials** _____	**Day 45** **Parent Initials** _____

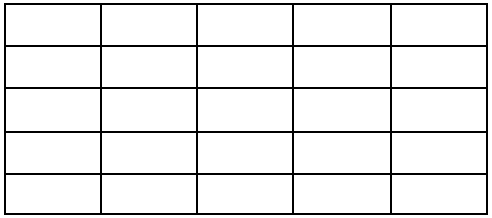
Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 1	**Day 2**	**Day 3**
Day 4	**Day 5**	**Day 6**

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 7	**Day 8**	**Day 9**
		
Day 10	**Day 11**	**Day 12**

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 13	**Day 14**	**Day 15**
Day 16	**Day 17**	**Day 18**
		

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 19	**Day 20**	**Day 21**
Day 22	**Day 23**	**Day 24**
		I can show $\frac{3}{5}$ as an area model:  I can show $\frac{3}{5}$ as a linear model:  I can show $\frac{3}{5}$ as a set model:

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Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 25	**Day 26**	**Day 27**
Day 28	**Day 29**	**Day 30**

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 31	**Day 32**	**Day 33**
Day 34	**Day 35**	**Day 36**

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 37	**Day 38**	**Day 39**
Day 40	**Day 41**	**Day 42**

Student Name: _____

Entering Grade 5 Summer Math Calendar – Recording Sheets		
Day 43	**Day 44**	**Day 45**
	Use the attached Hundredths grids to help with this problem.	

Student Name: _____

Hundredths Grids