





Clinton Elementary School Entering Grade 4 Math Calendar July

Monday	Tuesday	Wednesday	Thursday	Friday
A teacher has 24 students in her class. She wants to place the students into groups with an equal number in each group. How many different ways can the teacher group the students?	Sam rolled two dice and multiplied the results. He got a product that was an even number. What numbers might Sam have rolled?	I added two three-digit numbers and got a correct answer of 748. What might the two numbers be?	I multiplied two odd numbers and got a product that was less than thirty. What might the two odd numbers have been?	Complete a sprint. 
There are 16 apples to be put into bowls. Each bowl must have the same number of apples. Show as many different solutions as you can.	Use the numbers 3, 6, and 18. Write a multiplication story and a related division story. Write a number sentence for each story.	Write your own multiplication story for 12×6 and tell how you solved the problem. What other strategies could you have used to solve this problem?	I solved a multiplication number story and got an answer of 16. What might the number story have been?	I solved a division number story and got an answer of 7. What might the number story have been?
The product of two numbers is 24 and their sum is less than 15. What might the two numbers be?	The answer to a division question is 3. What might the question be? Record as many different solutions as you can.	Using all of the digits 4, 5, 6, 7, 8, 9 and any operations, what numbers can you make?	Which is larger, $\frac{1}{4}$ or $\frac{3}{8}$? Explain your reasoning.	Complete a sprint. 
Record a number sentence of at least ten numbers where each number is four more than the previous number.	Record a number sentence of at least ten numbers where each number is three less than the previous number.	Write an elapsed time word problem. (I started talking at __ and walked for __ minutes.) Represent the solution to your problem on an empty number line.	Place the following fractions on a number line that begins with 0 and ends with 1. $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{2}{4}$ Explain your reasoning.	I poured one liter of juice into three containers that were not equal. How many milliliters of juice might I have poured into each container?

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Three friends shared two pizzas equally. How much of the pizza did each person get? Explain your thinking.	I solved a multiplication number story and got an answer of 24. What might the number story have been?	Sarah ate $\frac{1}{4}$ of the cherries in her snack box. How many cherries might have been in Sarah's snack box? How many might she have eaten?	Draw 3 clock faces on your page. On your clock show one time that is quarter past the hour, one that is half past the hour and one that is quarter to the hour.	Complete a sprint. 
Mr. Smith arrived at work at 9:15 am. If he spent 35 minutes traveling to work, what time did he leave home? Explain your thinking.	Which is larger, $\frac{1}{3}$ or $\frac{2}{7}$? Explain your reasoning.	List 3 classroom objects that you estimate weigh a) Less than one kilogram b) more than one kilogram c) about one kilogram. Explain your thinking.	A shopkeeper put one kilogram of peanuts into two bags that were not equal. How many grams of peanuts might the shopkeeper have placed in each bag?	Sort a small packet of M&Ms by color. Represent your data in a bar graph. Be sure to include a title, labels, and scale. Write 3-5 statements describing your data.
Mr. Brown is designing a fence to go around the perimeter of a vegetable patch. He has 30 meters of fencing. What are some possible designs?	How many different rectangles can you draw with an area of 16 square cm? (Drawings need not be to scale.)	A rectangle has a perimeter of 18 cm. What might its area be? Show as many different solutions as you can.	A rectangle has an area of 20 square cm. What might its perimeter be? Show as many different solutions as you can.	Complete a sprint. 
A shape made from two rectangles has an area of 24 square feet. What might this shape look like?	Draw two different quadrilaterals. How are these shapes alike? Different?	Sarah ate $\frac{1}{4}$ of a large pizza. Ben ate $\frac{1}{4}$ of a small pizza. Did they eat the same amount? Explain.	I solved a multiplication number story and got an answer of 32. What might the number story have been?	I solved a division number story and got an answer of 3. What might the number story have been?