

July 2021

Almost in Fourth Grade

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Find the sum of all the ages of people living in your home.	2 Take a poll today among your friends and family: <i>What is your favorite July 4th activity?</i>	3 In what year will you be double your current age? In what year will you be triple your current age?
 Happy 4th of July!	4 5 Use chalk to draw an outline a shadow of a family member on the driveway in the morning, at noon and in late afternoon.	6 Use a thermometer to record the temperature in the early morning, at noon and in the evening. What do you notice?	7 Find 3 different flowers. Draw a picture of them and label the number of petals on each flower.	8 Play a game. What strategy did you use? Would you use the same strategy again or change it. Why?	9 What number am I? I am less than 25×10 and greater than 22×10 . I am a multiple of 5. I am odd. The sum of my digits is 10.	10 Figure your age in months. How many months old are you?
11 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?	12 Have a scavenger hunt for real-world examples of right angles.	13 Using a restaurant menu, have each family member decide what he/she would order. Find the total cost of all the meals they chose.	14 Measure your height in inches. Measure the height of a parent. Write and solve an equation to determine how much taller your parent is than you.	15 Gather 4 boxes of food. Measure the width of each box. Record the widths from thinnest to widest.	16 Roll 2 dice. Multiply the two numbers rolled and write an equation to show this. Repeat 10 times.	17 Count the number of windows and doors in your home. Determine if these numbers are odd or even.
18 Use outdoor chalk to draw as many different kinds of shapes as you can. Can you find a line of symmetry for each shape?	19 Find a chapter book you want to read. IF you read this book in exactly one week, how many pages would you have to read each day?	20 Make a list up to 100 of all the multiplication facts that are doubles (ex. 2×2). Do you notice any patterns?	21 Use toothpicks and mini-marshmallows to build a cube. What other shapes and structures can you build?	22 See how many different ways you can divide 20 colored pencils equally. Write a division equation for each way you find.	23 Use recycled materials to build a structure.	24 Open a small bag of pretzels. Arrange the pretzels in even rows. Divide the total number of pretzels by the number of rows. Eat the leftovers.
25 Weigh yourself on a scale. Multiply the number of pounds by your age.	26 Count out 50 cards from a deck. How many different ways can you divide them into equal groups? Record your division sentences.	27 Go outside and gather as many rocks as you can in 10 minutes. Count how many you have and multiply this number by 6 to see how many rocks you could gather in 1 hour.	28 Find 5 numbers in a newspaper or magazine that are larger than 100. Put them in order from least to greatest.	29 Write a schedule for tomorrow that includes hours and minutes of your activities.	30 Does $3 \times 8 = 8 \times 3$? Draw an array to explain.	31 What fraction of the people that live in your house are adults?

August 2021

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¹ What is the perimeter of your bedroom?	² Record the numbers you see in 2 license plates. Come up with 4 math problems using only these numbers.	³ Record the number of wins and losses of your favorite baseball team. Estimate the total number of wins and losses for the season.	⁴ Record the temperature for 5 days. What is the difference between the highest and lowest temperature?	⁵ Play a game. What strategy did you use? Would you use the same strategy again or change it. Why?	⁶ Which baseball player on your favorite team has the highest batting average? The lowest? What is the difference?	⁷ Estimate how many Cheerios or macaroni would fit in $\frac{1}{2}$ cup. Count to find out. How many would fit in 2 cups? $\frac{1}{4}$ cup?
⁸ Mark off a 1 ft. x 1 ft. patch of grass in your yard. Observe carefully for 15 minutes. Draw what you see.	⁹ Create a bar graph of your temperature data.	¹⁰ How many hours did you sleep last night? Bedtime: _____ Woke up: _____ Hours: ___ Minutes: ___	¹¹ Roll 2 dice and multiply to find the product. Record the product. Do this 25 times. Create a bar graph with the results.	¹² Build a sandcastle. What shapes do you notice?	¹³ Have a scavenger hunt for real-world examples of quadrilaterals.	¹⁴ I am thinking of an even number. It is greater than 7×6 and less than 6×10 . It has a factor of 7. What is it?
¹⁵ Find the perimeter of the front of a cereal box. Can you draw a different shape with the same perimeter?	¹⁶ Make a list of all the animals you see in your yard today. Group them into categories.	¹⁷ See how many different ways you can divide 36 colored pencils equally. Write a division equation for each way you find.	¹⁸ Is there a street parallel to your street? Look on a map and find 2 streets that are parallel and 2 that are perpendicular.	¹⁹ Estimate the number of pieces of flatware in your kitchen. Count to check. How many people could you serve at one time?	²⁰ Find a piece of artwork hanging in your house. How many shapes can you see in it?	²¹ A vet saw 26 dogs in one day. How many paws did she treat?
²² There are 20 legs in the farmyard. What animals are there? Draw a picture.	²³ Go out just after dark and count the number of stars you see. Go out an hour later and count again. What's the difference?	²⁴ How many hours are there in one day? In one week?	²⁵ What number is 70 less than 9×9 ? Is that greater than or less than your age?	²⁶ Write $5 \times 7 = 35$ using repeated addition.	²⁷ You bought 4 ice creams from an ice cream truck. Each cost 75¢. What was the total cost?	²⁸ You had 1000 more steps today than yesterday. How many steps could you have taken each day?
²⁹ How many days of summer vacation did you have? That's a lot....hope you enjoyed them!	³⁰ <i>First Day of Fourth Grade!</i>					