



| Sunday   | Monday   | Tuesday   | Wednesday  | Thursday  | Friday   | Saturday  |
|--|--|---|--|---|--|---|
|    |  |   |  |   |  | 1<br>Find the sum of all the ages of people living in your home.  |
| 2<br>Take a poll today among your friends and family: <i>What is your favorite July 4<sup>th</sup> activity?</i>                                   | 3<br>In what year will you be double your current age? In what year will you be triple your current age?   | 4<br><b>Happy 4<sup>th</sup>!</b>   | 5<br>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<br>Use a thermometer to record the temperature in the early morning, at noon and in the evening. What do you notice?  | 7<br>Find 3 different flowers. Draw a picture of them and label the number of petals on each flower.   | 8<br>Play a game. What strategy did you use? Would you use the same strategy again or change it. Why?                         |
| 9<br>What number am I? I am less than $25 \times 10$ and greater than $22 \times 10$ . I am a multiple of 5. I am odd. The sum of my digits is 10. | 10<br>Figure your age in months. How many months old are you?  | 11<br>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<br>Have a scavenger hunt for real-world examples of right angles.   | 13<br>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<br>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<br>Gather 4 boxes of food. Measure the width of each box. Record the widths from thinnest to widest.                       |
| 16<br>Roll 2 dice. Multiply the two numbers rolled and write an equation to show this. Repeat 10 times.  | 17<br>Count the number of windows and doors in your home. Determine if these numbers are odd or even.  | 18<br>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<br>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<br>Make a list up to 100 of all the multiplication facts that are doubles (ex. $1 \times 1$ ). Do you notice any patterns?   | 21<br>Use toothpicks and mini-marshmallows to build a cube. What other shapes and structures can you build?  | 22<br>See how many different ways you can divide 20 colored pencils equally. Write a division equation for each way you find. |
| 23<br>Use recycled materials to build a structure.   | 24<br>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<br>Weigh yourself on a scale. Multiply the number of pounds by your age.   | 26<br>Count out 50 cards from a deck. How many different ways can you divide them into equal groups? Record your division sentences.   | 27<br>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<br>Find 5 numbers in a newspaper or magazine that are larger than 100. Put them in order from least to greatest.                                    | 29<br>Write a schedule for tomorrow that includes hours and minutes of your activities.                                       |
| 30<br>Does $3 \times 8 = 8 \times 3$ ? Draw an array to explain.   | 31<br>What fraction of the people that live in your house are adults?  |   |  |   |  |   |

# August 2017

# Almost in Fourth Grade

| Sunday   | Monday  | Tuesday   | Wednesday   | Thursday   | Friday   | Saturday   |
|--|---|---|---|--|--|--|
|  |   | 1<br>The answer is 247. What might the question be? Think of two possible problems.   | 2<br>How many fluid ounces of water can you hold in both hands?   | 3<br>What is the area, in square feet, of your bedroom?  | 4<br>What is the perimeter of your bedroom?  | 5<br>Record the numbers you see in 2 license plates. Come up with 4 math problems using only these numbers.                      |
| 6<br>Record the number of wins and losses of your favorite baseball team. Estimate the total number of wins and losses for the season. | 7<br>Record the temperature for 5 days. What is the difference between the highest and lowest temperature?                        | 8<br>Play a game. What strategy did you use? Would you use the same strategy again or change it. Why?                         | 9<br>Which baseball player on your favorite team has the highest batting average? The lowest? What is the difference? | 10<br>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? | 11<br>Mark off a 1 ft. x 1 ft. patch of grass in your yard. Observe carefully for 15 minutes. Draw what you see. | 12<br>Create a bar graph of your temperature data.   |
| 13<br>How many hours did you sleep last night?<br>Bedtime: _____<br>Woke up: _____<br>Hours: ___ Minutes: ___                          | 14<br>Roll 2 dice and multiply to find the product. Record the product. Do this 25 times. Create a bar graph with the results.    | 15<br>Build a sandcastle. What shapes do you notice?  | 16<br>Have a scavenger hunt for real-world examples of quadrilaterals.  | 17<br>I am thinking of an even number. It is greater than $7 \times 6$ and less than $6 \times 10$ . It has a factor of 7. What is it?           | 18<br>Find the perimeter of the front of a cereal box. Can you draw a different shape with the same perimeter?   | 19<br>Make a list of all the animals you see in your yard today. Group them into categories.                                     |
| 20<br>See how many different ways you can divide 36 colored pencils equally. Write a division equation for each way you find.          | 21<br>Is there a street parallel to your street? Look on a map and find 2 streets that are parallel and 2 that are perpendicular. | 22<br>Estimate the number of pieces of flatware in your kitchen. Count to check. How many people could you serve at one time? | 23<br>Find a piece of artwork hanging in your house. How many shapes can you see in it?                               | 24<br>A vet saw 26 dogs in one day. How many paws did she treat?   | 25<br>There are 20 legs in the farmyard. What animals are there? Draw a picture.                                 | 26<br>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? |
| 27<br>How many days of summer vacation did you have? That's a lot....hope you enjoyed them!  | 28<br><i>First Day of Fourth Grade!</i>   |   |   |   |  |  |