






# July 2021

# Almost in Fourth Grade

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

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