



# JULY 2021

## THIRD GRADE SUMMER MATH FUN



| Monday  | Tuesday   | Wednesday  | Thursday  | Friday  |
|---|---|--|---|---|
|   |   | <p>Find and count all the rectangular prisms in your home. Don't forget to check the kitchen.</p>  | <p><b>1</b> Survey friends and neighbors to find out what kind of pets they have. Graph the results. Write 3 problems to go with your graph.</p>  | <p><b>2</b> Write your phone number. Add the digits. Do the same thing for a friend's phone number. Whose number has the greatest sum?</p>  |
| <p><b>5</b></p> <p>1) Science class starts at 9:00 AM. It ends at 10:15. How long is the class?</p> <p>2) Lunch is at noon. It lasts 55 minutes. What time is lunch over?</p>               | <p><b>6</b> My digits are 6, 0, and 3. I'm less than 350. What number am I?</p> <p>My digits are 6, 8, and 2. I'm more than 700 but less than 850. What number am I?</p>  | <p><b>7</b> Is the dotted line a line of symmetry?</p>   | <p><b>8</b> If the area of a square is 25 units<sup>2</sup>, what is the perimeter of the square?</p>   | <p><b>9</b> There are 12 months in a year. How many months have you lived?</p>  |
| <p><b>12</b> Write these amounts in dollars and cents:</p> <p>1) four dollars and nine cents</p> <p>2) five dollars, one dime, and seven cents</p> <p>3) one dollar, 3 nickels, 12cents</p> | <p><b>13</b> How much does each half equal?</p> <p><math>\frac{1}{2}</math> of a dozen apples</p> <p><math>\frac{1}{2}</math> of an hour</p> <p><math>\frac{1}{2}</math> of a day</p> <p><math>\frac{1}{2}</math> of 8 ounces of milk</p> | <p><b>14</b> Which numbers have a 7 in the ten-thousand place?</p> <p>a) 314,007,962</p> <p>b) 279,561</p> <p>c) 76,075,177</p> <p>d) 1,750,432,009</p>  | <p><b>15</b> Write the related facts for these fact families:</p> <p>15,7,8</p> <p>19,2,21</p> <p>16,9,25</p>   | <p><b>16</b> Write the following in your notebook. Fill in the missing numbers.</p> <p>___, ___, ___, 72, 74, 76, ___</p> <p>___, ___, ___, 50, 52, 54, ___</p>   |
| <p><b>19</b> Use this code: a=1, b=2, c=3, d=4, e=5, f=6, g=7, h=8, i=9, j=10 ... Z=26. How much is your name worth? Can you find any words worth 100?</p>                                  | <p><b>20</b> Write the number that is 3 more than 20;</p> <p>3 more than 9;</p> <p>3 more than 17;</p> <p>3 more than 41;</p> <p>3 more than 97.</p>  | <p><b>21</b> How many 25s are in 100? How many quarters (25¢) are in \$1 (100¢)?</p>   | <p><b>22</b> Write the numbers for these words:</p> <p>eighty-three fifty</p> <p>seventy-six sixty-seven</p> <p>fifteen eighteen forty</p> <p>thirty-eight</p>                            | <p><b>23</b> Divide your paper into 4 equal parts. Draw a clock face in each part. Show these times: 1) the time you get up, 2) the time you go to bed, 3) 45 minutes before you go to bed, 4) 50 minutes after you get up.</p> |
| <p><b>26</b> Round these numbers to the nearest ten.</p> <p>1) 472</p> <p>2) 65</p> <p>3) 207</p> <p>4) 109</p>   | <p><b>27</b> Write the number that has a 4 in the tens place, a 6 in the thousands place, a 3 in the ones place, a 7 in the hundreds place, and an 8 in the ten thousands place.</p>  | <p><b>28</b> How many ways can you make 12?</p> <p><math>7 + 5 = 12</math></p> <p><math>13 - 1 = 12</math></p> <p><math>6 \times 4 - 12 = 12</math></p> <p>Write as many ways as you can think of.</p> | <p><b>29</b> There are some girls, some chairs, and some tables in a room. There are 38 legs. Draw pictures or make a table to show different ways there could be a total of 38 legs.</p> | <p><b>30</b> How many ways can you make your age? Write as many ways as you can think of</p>  |



# AUGUST 2021 THIRD GRADE SUMMER MATH FUN

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|--|---|---|--|---|------|------|--------------|--------------|--------------|---|------------|---|
| <p><b>2</b><br/>Put four white socks and six colored socks in a bag. Reach into the bag without looking. What color did you draw out?<br/>Why do you think this happened? Try it five more times. Record your draws.</p> | <p><b>3</b><br/>Get a small bag of M&amp;M's. Estimate how many in the bag. Predict what color will have the most. Open bag and graph the # of each color. How many in all? Were you close?</p> | <p><b>4</b><br/>Count how many math activities you did this summer. Write the number in your notebook. What was your favorite activity?</p> | <p><b>5</b><br/>Weigh yourself in pounds. Convert the weight into ounces and record the results in your notebook.</p>  | <p><b>6</b><br/>Write out your multiplication facts for 6's, 7's and 8's.</p> |      |      |              |              |              |   |            |   |
| <p><b>9</b><br/>Do you think there are more odd or even day dates in a month. Why? Check your guess by counting odd days in a month and even days?</p>   | <p><b>10</b><br/>When driving through your neighborhood, check to see how the house numbers are organized. Why is your neighbor's house not the next sequential number?</p>                     | <p><b>11</b><br/><b>Watch TV for one half hour. Time how long the show is. How many total minutes was the show?</b></p>                     | <p><b>12</b><br/>Find each sum or difference.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px 10px;">38</td> <td style="padding: 2px 10px;">45</td> <td style="padding: 2px 10px;">86</td> <td style="padding: 2px 10px;">98</td> </tr> <tr> <td style="padding: 2px 10px;"><u>+17</u></td> <td style="padding: 2px 10px;"><u>-17</u></td> <td style="padding: 2px 10px;"><u>-34</u></td> <td style="padding: 2px 10px;"><u>+85</u></td> </tr> </table> </div> | 38  | 45   | 86   | 98           | <u>+17</u>   | <u>-17</u>   | <u>-34</u>  | <u>+85</u> | <p><b>13</b><br/>There are some girls, some chairs, and some tables in a room. There are 26 legs. Draw pictures to show different ways there could be a total of 26 legs.</p> |
| 38   | 45  | 86  | 98   |   |      |      |              |              |              |   |            |   |
| <u>+17</u>   | <u>-17</u>  | <u>-34</u>  | <u>+85</u>   |   |      |      |              |              |              |   |            |   |
| <p><b>16</b><br/>Write your address. Does your address have more even or odd numbers? Remember to include your zip code.</p>   | <p><b>17</b><br/>Copy a sentence from your favorite book. Graph the different letters used in the sentence. Which letter is used most? Are there any letters not used?</p>                      | <p><b>18</b><br/>Write the number that is 2 more than 10; 2 more than 8; 2 more than 7; 2 more than 11; 2 more than 17.</p>                 | <p><b>19</b><br/>Use addition to solve each problem.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px 10px;">4685</td> <td style="padding: 2px 10px;">5621</td> <td style="padding: 2px 10px;">4947</td> </tr> <tr> <td style="padding: 2px 10px;"><u>+2319</u></td> <td style="padding: 2px 10px;"><u>+3455</u></td> <td style="padding: 2px 10px;"><u>+4698</u></td> </tr> </table> </div>  | 4685  | 5621 | 4947 | <u>+2319</u> | <u>+3455</u> | <u>+4698</u> | <p><b>20</b><br/>Find the patterns.<br/>1,3,5,7,9,____<br/>2,6,10,14,____<br/>28,23,18,13, ____</p> |            |   |
| 4685   | 5621  | 4947  |  |   |      |      |              |              |              |   |            |   |
| <u>+2319</u>   | <u>+3455</u>  | <u>+4698</u>  |  |   |      |      |              |              |              |   |            |   |



**Congratulations**  
**Your brain continued to grow this summer.**  
**You are ready for fourth grade!**  
**Remember to take your notebook to your new teacher.**