



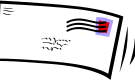



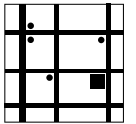





# July 2009 – Fifth Grade Summer Math Calendar

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|---|---|---|---|--|
|    |   | <p><b>1</b><br/>Write down the prices of 7 homes that are advertised for sale in the newspaper. Find the mean (average), median (middle number when the numbers are in order), and the mode (the number that occurs the most often in the list).</p>  | <p><b>2</b><br/>Look in your bedroom. Estimate how many things are not in their proper place. Then find the actual number. (While counting them, you may want to put them where they belong.)</p>   | <p><b>3</b><br/>On July 4, 1776, the United States of America declared its independence from England. How many years ago was this? Round this number to the nearest ten and hundred.</p>    |
| <p><b>6</b><br/>Collect the mail and use tally marks to record the amount of junk mail and the rest of the mail. Express this as a ratio. Was there more junk mail or other mail?</p>    | <p><b>7</b><br/>Repeat yesterday's activity with the mail and find the total amount of junk mail and other mail for both days. Express these amounts as a ratio. Is there more junk mail or other mail now?</p>   | <p><b>8</b><br/>Repeat the same mail activity and find the total amount of junk mail and other mail for the 3 days. Express these amounts as a ratio. Is there more junk mail or other mail now?</p>                     | <p><b>9</b><br/>Create two different types of graphs to show the relationship between the amount of junk mail and other mail your family received over the past 3 days. Be sure to include a title and labels.</p>  | <p><b>10</b><br/>If each the postage on each piece of mail that your family received on Monday through Wednesday of this week was 37 cents, what was the total amount of postage used for these pieces of mail?</p>   |
| <p><b>13</b><br/>Place a plastic bowl on the floor and stand about 20 footsteps away. Toss a coin into the bowl 20 times and record how many times you successfully tossed the coin into the bowl. Express this as a fraction. Express this as a percent (how many out of 100).</p>   | <p><b>14</b><br/>Look in the newspaper and find the playing time of a movie. If the movie started playing at 1:35 p.m., what time would it be over? What time would it be over if it began playing at 2:15 p.m.?</p>  | <p><b>15</b><br/>Lay 10 pennies end to end on a table. Estimate how many pennies it would take to form a line along the entire length of the table. Write an explanation of how you got your estimate. Now determine how many pennies it would actually take to form a line of pennies along the table.</p> | <p><b>16</b><br/>Write down possible combinations of coins that equal \$1.00 for fifteen minutes. Estimate how long it would take you to list all possible combinations if there are 294 of them.</p>  | <p><b>17</b><br/>Today is National Hot Dog Day. At a hot dog stand, you order either a turkey or beef hot dog on a white or whole-wheat bun. For toppings, you choose 1 of the following: ketchup, mustard, relish, or onions. List all the different types of hot dogs you can order.</p>  |
| <p><b>20</b><br/>Choose a destination from your home. Create a map to that location including: labels, street names, and approximate distances.</p>    | <p><b>21</b><br/>Take a step forward and measure the length of your step from the heel of your front foot to the back heel of your other foot in inches. Go for a walk around the block and keep a count of how many steps you take. How many inches did you walk?</p>                                  | <p><b>22</b><br/>There are 63,360 inches in one mile. If you walk the same amount every day as you did when you walked around the block yesterday, how many days it would take you to walk one mile?</p>  | <p><b>23</b><br/>Make a wish list of 5 things you would like to purchase including the prices. Find the total amount including 6% sales tax. (Hint: Determine the amount of tax on each item by multiplying the cost by .06. Round to the nearest cent.)</p>                              | <p><b>24</b><br/>List in all the ways numbers and math were used in a fun activity you did this summer. (For example, if you went swimming the length, width, and depth of the pool were expressed as a unit of measurement such as feet or meters.)</p>   |
| <p><b>27</b><br/>On this day in 1847, the first postage stamp was issued. Today only about 3,000 of the 900,000 stamps that were printed then remain in existence. Express the number of the first postage stamps remaining in existence as a fraction and then as a decimal.</p>  | <p><b>28</b><br/>Symmetry is all around us in nature and in our home. Find 5 items that have at least one line symmetry. Print your name. Do any letters of your name have one or more lines of symmetry?</p>   | <p><b>29</b><br/>Find the starting time of a movie. If it takes you 30 minutes to drive to the theater and 25 minutes to get your ticket and popcorn, what time should you leave your home in order to be seated 15 minutes before the movie begins?</p>  | <p><b>30</b><br/><math>b \times c = 2,280</math><br/>What are some possible values of <math>b</math> and <math>c</math>?</p>   | <p><b>31</b><br/>A container holds 100 teaspoons of water. What might the container look like?</p>    |