| 1   | If the postage on each piece of mail that your family received on Monday through Wednesday of this week was 46 cents, what was the total amount of postage used for these pieces of mail? |
| 2   | On July 1 in 1847, the first postage stamp was issued. Today only about 3,000 of those 900,000 stamps remain in existence. Express the number of the first postage stamps remaining in existence as a fraction and then as a decimal. |
| 3   | If you have a bag of red marbles and blue marbles, what is the least number you have to grab in order to have two matching marbles in your hand? |
| 4   | 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? |
| 5   | Create a map to that location including: labels, street names, and approximate distances. |
| 6   | 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 end if it began playing at 2:15 p.m.? |
| 7   | 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. |
| 8   | 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 percent (how many out of 100). |
| 9   | 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? |
| 10  | 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? |
| 11  | 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. |
| 12  | What are some possible values of b and c? |
| 13  | 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.) |
| 14  | 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. |
| 15  | Choose a destination from your home. Create a map to that location including: labels, street names, and approximate distances. |
| 16  | 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? |
| 17  | 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? |
| 18  | 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 combinations. |
| 19  | Find your pulse in your neck or wrist and count the number of beats in 15 seconds. Now find out how many beats per minute (multiply by 4). |
| 20  | Do jumping jacks for 1 minute and then take your pulse for another 15 seconds. Find the number of beats per minute. |
| 21  | Express this as a decimal. |
| 22  | Express this as a fraction. |
| 23  | Express this as a percent (how many out of 100). |
| 24  | 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. |
| 25  | List all the different types of hot dogs you can order. |
| 26  | 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. |
| 27  | 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. |
| 28  | Express this as a fraction. |
| 29  | Express this as a percent (how many out of 100). |
| 30  | Express this as a fraction. |
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