

Summer Math Packet Incoming 4th Graders

<p>1 Ask family and friends what their favorite summer activity is. Use a tally chart to collect your data. Make a graph of your choice to show the results.</p>	<p>2 Write and solve a story problem for $487 - 364 =$</p>	<p>3 When rounding to the nearest ten, what is the smallest whole number that will round to 50? The largest? How many different whole numbers to 50? Explain your reasoning.</p>	<p>4 Compare the fractions below. Use the symbols $>$, $<$, or $=$ to record your comparisons. Draw a picture to illustrate your answer.</p>	<p>5 Play the <i>Product Game</i> at www.illuminations.nctm.org Record the strategy that you used.</p>
<p>6 Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for \$3.00 each. How much money did Rosa receive?</p>	<p>7 Write a story problem that can be solved using the number sentence $9 \times 3 = \underline{\quad}$</p>	<p>8 Arrange the fractions in order, beginning with the least. Explain your answer with a picture. $1/5, 1/7, 1/3$</p>	<p>9 Use the numbers 3, 5, and 15 to write a multiplication number story. Write a related division story. Write a number sentence for each story.</p>	<p>10 Figure your age in months. How many months old are you?</p>
<p>11 Make a data table to record the high temperature for the next 7 days starting today.</p>	<p>12 Marsha had 120 stamps. First, she gave her sister half of the stamps and then she used three to mail letters. How many stamps does Marsha have left?</p>	<p>13 There are 24 desks in the classroom. If the teacher puts 6 desks in each row, how many rows are there? How did you get your answer?</p>	<p>14 Write multiplication and division combinations for 6, 7, and 42. Can you write a word problem to go with these equations?</p>	<p>15 When rounding to the nearest hundred, what is the smallest whole number that will round to 500? The largest?</p>
<p>16 $7,000 + 900 + 10 + 6$ is a number. Write it in standard form and word form. Draw a picture of the number and locate it on a number line.</p>	<p>17 If you go on a road trip this summer, write down the number of miles from the odometer when you leave. Write down the miles when you get home. How many miles did you travel altogether?</p>	<p>18 What time was it 2 hours and 20 minutes before the time you woke up? What time will it be 47 minutes after you woke up?</p>	<p>19 Look around a room in your house. Where do you see parallel lines? Draw each object and mark the parallel lines.</p>	<p>20 Play a game at http://www.gregtangmath.com/ Describe the game and what you learned.</p>
<p>21 Survey at least 10 friends or family members and ask about their favorite pizza toppings. Use the data from the survey to create a pictograph.</p>	<p>22 Estimate the length and width of a table in your home. Make sure you choose a unit of measurement such as inches or centimeters.</p>	<p>23 Joe listed the first 10 multiples for the number 3. Luis listed the first 10 multiples for the number 4. What same numbers did both boys write?</p>	<p>24 Ask a family member to take you to the grocery store. In the vegetable section, select five different items and estimate the weight for each and record. Next weight each, record, and compare the estimation to the actual weight.</p>	<p>25 Select a day and create a schedule of activities for that day. Begin recording the time you wake up to the time you go to bed. Find the elapsed time between each activity.</p>
<p>26 Play Hidden Picture Multiplication from the website www.aplusmath.com Describe the game and what you learned.</p>	<p>27 What are the missing numbers in the pattern below. 34, 37, 40, _____, _____, _____</p>	<p>28 Draw a rectangle and shade the fraction $3/4$ Draw another rectangle and shade an equivalent fraction.</p>	<p>29 What is the perimeter of this box if the length is 9 inches and the width is 4 inches?</p>	<p>30 Write and solve a story problem for $341 + 910 =$</p>

