

# Incoming *Fifth* Graders Summer Math Challenge

## Choice Board

<p>#1: Find a graph or chart in a newspaper, magazine, or online. Write and answer 5 questions about the data.</p>	<p>#2: Create a number riddle and have a friend or family member solve it! (I'm thinking of a number. It has a 5 in the ten's place...)</p>	<p>#3: Find the area and perimeter of a room in your home. Draw a visual model of the room you measured.</p>	<p>#4: Record the daily high temperature for two weeks. Create a line graph with this information.</p>
<p>#5: Play some math games on the computer. Write a paragraph, using math vocabulary to explain how this game helped you learn math!</p>	<p>#6: Make your own multiplication and division fact cards! Practice with them as much as you can and bring them to your class next year!</p>	<p>#7: Go to a store with a family member. Total up the cost of the items you bought using decimal and money notation.</p>	<p>#8: Write down a recipe that has fractional amounts. For each fractional amount, create 2 equivalent fractions!</p>
<p>* #9: Look for different color leaves outside. Create a bar graph to see how many leaves you find of each color.</p>	<p>#10: Use a ruler to measure at least 10 different leaves from outside. Create a line-plot to summarize your data.</p>	<p>#11: Find a recipe that you like a lot! Double the amount of each ingredient and record the new recipe!</p>	<p>#12: Measure your height at the beginning and the end of the summer. Record the start and end dates, and find out how much you've grown over the summer!</p>
<p>#13: Write about a time you had to share something with more than one other person. What fractions could you use to describe what happened?</p>	<p>#14: Create two number stories that involve at least 3 different operations. Have a friend or family member try to solve your number stories.</p>	<p>* #15: Make a collage out of pictures from a newspaper or magazine of different shapes and different angles. Correctly identify and label the shapes and name the angles (acute, obtuse etc.)</p>	<p>* #16: Draw and color a design that has lines of symmetry, parallel lines, and perpendicular lines.</p>
<p>#17: Ask 10 friends or relatives their ages. Record their ages in a table and find their average age.</p>	<p>#18: Check what time it is right now in New York. Look online to find what time it is in... A: London B: Beijing C: Egypt D: California E: Pick your own place</p>	<p>#19: While watching your favorite TV show, use a timer to see how long the actual show is, and how long the commercials are. How many more minutes are devoted to the show than to commercials?</p>	<p>#20: One day each week, have an adult quiz you on the 6, 7, and 8 times tables. Track how many answers you get correct each week!</p>
<p>#21: How many different combinations of coins can make \$2.00? Record at least <b>10</b> different coin combinations in decimal <b>and</b> fraction notation to prove they will equal \$2.00</p>	<p>#22: Go on a 3-D scavenger hunt. How many cylinders, cubes, pyramids, cones, and rectangular prisms can you find? Record where you saw these shapes in real life.</p>	<p>#23: Flip a penny, nickel, dime, and quarter 20 times each. What fraction of the time did each coin land on heads? What fraction of the time did each coin land on tails?</p>	<p>#24: Think of your own fun math activity! Write it down and show the work you did for it. Maybe it will be added to next year's Summer Math Challenge!!!</p>

Child's Name: \_\_\_\_\_ New Class #: \_\_\_\_\_ Parent/Guardian Signature \_\_\_\_\_