Math Quest ?

Name: _____

Grade: _____

SUMMER CHALLENGE

Complete these activities and return this signed document to your school for a chance to win a prize! Choose **4** activities and complete them as a family to be eligible to win.

1 GET CREATIVE

☐ Make a diorama of your favorite park. Include the following two-dimensional figures and three-dimensional figures: Circle, Rectangle, Triangle, Cube, Cylinder

☐ Write a creative story for 33 minus 7.

2 DATA DRIVEN

☐ Find a rectangular table to use. Estimate the length and the width of the table, then find the actual length and width:

1. Estimate the length and width to the nearest foot.
   Length: _____ feet
   Width: _____ feet
2. Find the actual length and width to the nearest foot.
   Length: _____ feet
   Width: _____ feet

☐ Count 120 objects found at home (fruit loops, candies, etc.). Randomly choose 2 handfuls of the items and sort them into 3 categories. Explain what is unique about each category and tell how many items are in each category.

3. If you roll a ball all around the edge of the table, about how many feet would the ball roll? _____ feet
   Explain how you came up with the number of feet around the table. _____
   _____

3 MATH ALL AROUND US

☐ Sum up time. Find a digital clock. Use the digits you see and add them.
What is the time? _____
What is the sum of all the digits at that time? _____
Would there be a time where the sum of the digits is 24? _____ If so, what time: _____ : _____
Explain how you know. _____
_____

☐ Do you have more doors or windows in your home? Complete the statement:

"I have more _____ than _____ in my house. There are _____ more."

4 MATH IN ACTION

☐ Draw two clocks.
On the back of this sheet, draw two clocks. One drawing should show an analog clock, and the other should show a digital clock.

The first clock will show what time you went to bed last night. _____ : _____

The second clock will show the time you woke up this morning. _____ : _____

☐ Plan a summer pizza party. You have $50 to spend. Pizzas cost $6 each. A two-liter bottle of soda cost $2.
How would you spend the $50 for the summer pizza party? _____
_____

Would you have any money left over after you budget the pizza party? Yes or No?
If so, how much? _____

Parent Signature _____