Incoming Fifth Grade Summer Math Challenge

Directions: Color each box upon completion

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| Find the perimeter and area of your front or back door. Record and explain what you did. | Ask ten friends or relatives their age. Identify the mean, median, mode and range of these numbers. | Draw a design that has many lines of symmetry. | Find a graph in the newspaper or on the computer. Write 5 questions about the graph. Share it with your family. | How many hours did you sleep last night?Bedtime\_\_\_\_\_\_\_Wake Time:\_\_\_\_ | If you called London England at 8:00pm New York time. What time would it be in London? (Hint: Find out how many hours ahead London is) | Write the 4, 6 and 7 times tables. Practice and memorize. Then have an adult quiz you. |
| Find a canned food. Record the diameter and the circumference in centimetersHint: You may need a string for measuring the circumference | What Number am I?The digits in my number are 3, 8, 4, 1.I am odd. I have a 4 in my hundreds place. I am less than 2,000.Create more riddles! | Find the area of your bedroom. What room in your house could have twice the area of your bedroom?Half the area of your bedroom? | Over the next two weeks, record the actual high temperature. Make a line graph using this information. | Play math educational games on the computer. Try these websites:[www.coolmath4kids.com](http://www.coolmath4kids.com)[www.funbrain.com](http://www.funbrain.com)[www.aplus](http://www.aplus)math.com | Practice multiplication and division facts using fact triangles or Flash Cards | Play a game that involves mathematical thinking, such as:MonopolyTroubleCheckersConnect FourUnoBattleship |
| If there are 2 towns with 8 schools and 11 doors in each school, how many doors are there in all? | Complete the problem using < , >, = 471\_\_\_14719+7\_\_\_\_9+204x9\_\_\_\_\_\_6x625x5\_\_\_\_\_34x245x6\_\_\_\_\_95+9 | Multiply 36x27Use 2 different strategies to solve. | Use a ruler to draw a rectangle measuring 12 cm long and 4 cm wide. Find the area and perimeter. | Take turns making up number stories with three or more addends.Share strategies on how to solve. | Look at a recipe and measure the ingredients together with an adult. Discuss the equivalent measures. | Cut out pictures from newspapers and magazines that show different shapes, such as triangles, circles, quadrangles and other polygons. Make a collage with the pictures. |
| Go on a 3-D scavenger hunt. How many cylinders, pyramids, cubes, rectangular prisms, and cones can you find? | What number is 10 more than 4,492?What number is 300 more than 4,830?What number is 500 more than 4,654? | What’s the rule for my input/output machine?Input Output  12 24 10 20  15 30  | Round each number to the nearest hundredth.0.123\_\_\_\_\_\_\_\_\_4.568\_\_\_\_\_\_\_\_\_6.155\_\_\_\_\_\_\_\_\_9.780\_\_\_\_\_\_\_\_\_0.006\_\_\_\_\_\_\_\_\_ | Name all the factors of each number:55\_\_\_\_\_\_\_\_\_\_\_\_32\_\_\_\_\_\_\_\_\_\_\_\_96\_\_\_\_\_\_\_\_\_\_\_\_ | Complete:3 gal=\_\_\_\_qt4qt=\_\_\_\_\_pt6pt=\_\_\_\_\_\_\_c64 gal=\_\_\_pt | Flip a coin 25 times. What percent of the flips landed with the heads facing up? |

Child’s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ New Class\_\_\_\_\_\_\_\_\_ Parent’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_