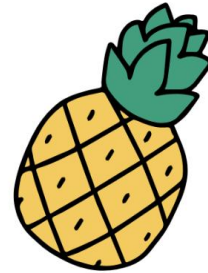
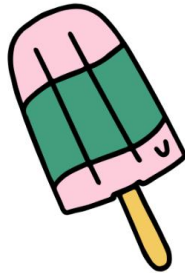


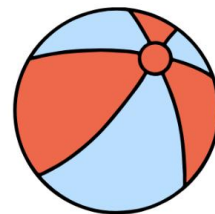
RISING 5th GRADE

- 4 total Math activities

Choose from the 9 possible options, and use the worksheet pages to help. Keep track of any notes you make on the lined or graph paper!



MATH SUMMER WORK



MATH ACTIVITY CALENDAR:

Choose four math activities from the choice board below to complete as part of your summer work.
Try to complete at least one every two weeks!

PERIMETER & AREA

Use a ruler or tape measure to measure the perimeter of your room in feet. How many inches is it? How many yards? Can you calculate the area in feet? What about the perimeter and area of your bed? Then measure the biggest room in your house. What's the perimeter and area? Compare the size with your room.

GEOMETRY

Go for a walk around your neighborhood and look at the houses and buildings. How many acute and obtuse angles can you find? Can you find parallel and perpendicular lines? What types of polygons do you see? Which quadrilaterals? Which types of triangles? Which types of solid figures (3D shapes)?

DECIMALS

Go grocery shopping with a parent or a friend. Imagine you have a budget of \$50 to buy a meal with a vegetable, meat, grain, and dessert. What foods should you buy? Can you buy all your ingredients without going over your budget? Write down the prices for each item, then add them up to get your final total.

STATISTICS

Create a survey that asks a question, and has several choices as possible answers. Ask at least 10 friends and family members to take the survey, then show the data in 3 different types of graphs. Choose from: Circle graphs, Bar graphs, Line graphs, Line Plots, Pictographs or Tally marks.

MEASUREMENT

Ask a grown up to help you follow a recipe and cook or bake something for your family. What types of measurement does the recipe use? Use the measurement conversion chart to help you convert the Cups you use into Tablespoons! If your recipe doesn't use cups, practice converting the unit into something smaller.

ADDITION & SUBTRACTION

Write an addition and subtraction word problem for a grown up to solve. The word problem must use 3 digit addition and 3 digit subtraction! Solve it first, then see if your grown up got the correct answer! See if you can write a word problem that can stump them!

MULTIPLICATION

Count how many shirts you own. What if everyone in your family owned that number of shirts? How many shirts would there be total? How many shirts would there be if you counted all your grandparents, aunts, uncles, and cousins? If everyone in your family owned 12 shirts, 7 pairs of pants, and 25 socks, how many items of clothing would there be total?

DIVISION

Count how many toys, books or games you have in your room. If you were to share them with everyone from your class, how many books/toys/games would each friend get? How many books/toys/games would you have to own for each friend to use 5? What if each friend had 10? What if you owned 45 toys? How many would each friend get?

FRACTIONS

Ask a grown up to help you follow a recipe and cook or bake something for your family. Can you double the recipe? You'll need to multiply every ingredient measurement x2! For example if a recipe calls for $\frac{1}{2}$ a teaspoon, to double it, you'll need 1 whole teaspoon! If multiplication is too tricky, try repeated addition!

BONUS SKILLS PRACTICE:

Practice Math skills by: visiting KhanAcademy.com and completing all the 4th grade skills, listening to the Kids Math Talk podcast, practicing multiplication & division flashcards, and writing your own practice problems!

Practice Science and Social Studies skills by: Watching Crash Course Kids videos on Youtube, listening to the Brains On podcast, or by checking out books on your favorite subjects from the local library!

FUN MATH SITES:

Fun4The Brain: <https://www.fun4thebrain.com/>

Hooda Math: <http://www.hoodamath.com/index.html>

Khan Academy: <https://www.khanacademy.org/math/cc-fifth-grade-math>

Arcademics: arcademics.com/games?grade=5

Varsity Tutors:

<https://www.varsitytutors.com/aplusmath/games>

BONUS MATH PROBLEMS

Tom had 114 baseball cards. He kept 10 and shared the rest evenly among his 8 friends. How many baseball cards did each friend get?



A teacher bought 12 packets of crayons. Seven of the packets had 9 crayons and the other five packets had 10 crayons. How many crayons did the teacher buy in all?



Mr. Smith baked 3 trays of 36 cookies. After they cooled he divided the cookies evenly into 4 bags. How many cookies did Mr. Smith place in each bag?



On a Friday evening a pizza shop had orders for 4 pepperoni, 97 vegetable, and 335 cheese pizzas. If the 4 cooks each made an equal number of pizzas, how many pizzas did each cook make?



BONUS MATH PROBLEMS

Multiple-Step Problems



- a. Ashton had two boxes of pencils with fourteen pencils in each box. He gave six pencils to his brother. How many pencils did Ashton have left?

- b. At the Tasty Bakery, cupcakes cost fifty-cents each. Bagels cost a dollar twenty-five. How much more do two bagels cost than two cupcakes?

- c. Patty and Carl went to the movies. Patty bought the two movie tickets for \$7.35 each. Carl bought two buckets of popcorn at \$5.60 each. How much more money did Patty spend than Carl?

- d. There are 96 fourth graders at Small Tree Intermediate School. 43 of them are girls. On Friday, 5 fourth grade girls and 4 fourth grade boys were absent. How many fourth grade boys were at Small Tree Intermediate School on Friday?

- e. Joe is learning to play the trumpet. On Monday he practiced from 6:30 until 7:05. On Tuesday he practiced from 3:55 until 4:15. How many minutes did he practice in all over the two days?
