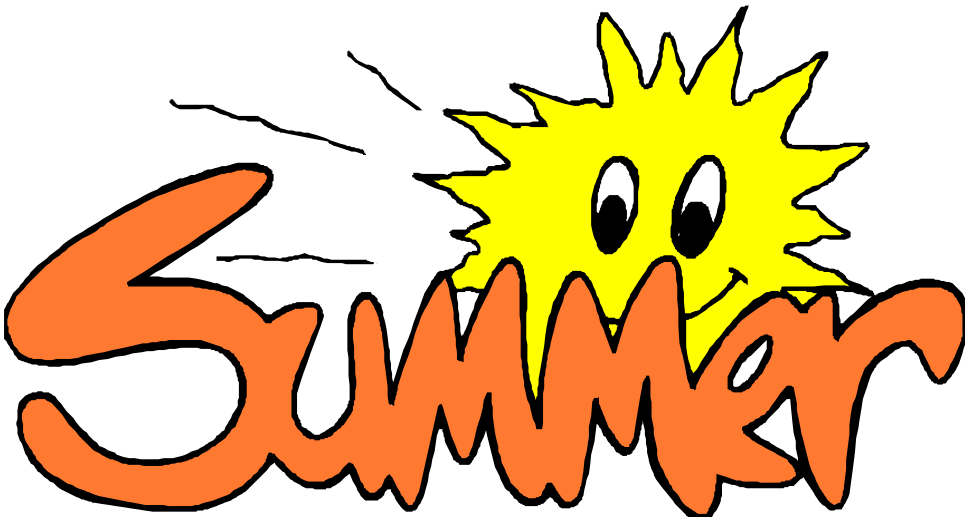
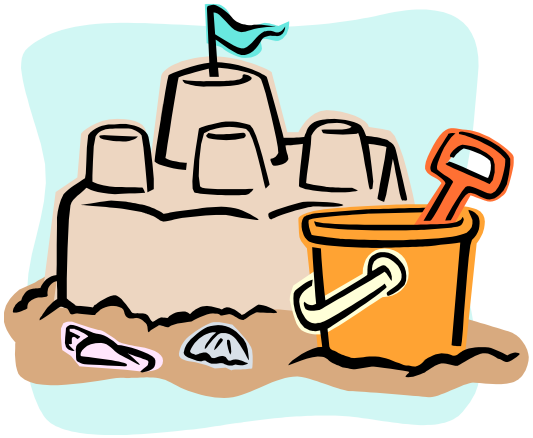


MATH PACKET



for

Students Entering the **First Grade**

To receive credit, please have your parent help you will out the verification form below.
https://docs.google.com/forms/d/1jVQK7S0EDz8poxS3LwW3xvv5zikCLwIVXI5tsTa0LRw/viewform?usp=send_form

INTRODUCTION

Welcome to the summer math packet for students entering First Grade. The design of the activities is meant to support instruction in the new curriculum in both its content and presentation. Therefore the activities are not to be done as independent problems, but to be worked on with a parent, guardian or older brother or sister. Talking about the problem is an important part of completing each activity.

In First Grade, students will explore math concepts based on four standards. The eight activities in this summer math packet reflect the content of those four standards.

EXPECTATION

To receive credit for this packet, students **must complete at least six** of the activities with at least one being from each of the 4 standards.

Summer Packet Content:

Standard 1: Operations and Algebraic Thinking

Standard 2: Number and Operations in Base Ten

Standard 3: Measurement and Data

Standard 4: Geometry

To obtain credit for your hard work, have your parents fill out the verification form using the link on the cover page!

Sally's dog had a litter of 10 puppies. Jason took 2 of them home. How many puppies does Sally have left?

John wanted to buy ice cream for 50 cents. How many ways can you make 50 cents with pennies, nickels, and dimes?

Mom had 41 candles on her birthday cake. Dad had 50 candles on his cake. Who had less? More? What is the difference?

Complete the following addition and subtraction problems. Show your work.

3+2=

2+9=

6−2=

4+1=

9+7=

11−1=

5−5=

12−0=

15−3=

There were 8 coconuts on a tree. Some fell off and now there are 3. How many fell off?

Operations and Algebraic Thinking:

Directions: Read through the following problem and answer the questions. Use the space on the back of this page to complete your work. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

The Main Street Candy Store is having a sale on lollipops. The first lollipop costs 9 cents. Each additional lollipop costs 4 cents.

A) Sherry had 20 cents, how many lollipops could she buy?

Her little brother, Larry, found 5 pennies in his pocket.

B) If he gave them to Sherry, how many lollipops could they buy all together?

CHALLENGE:

Later that afternoon, Sherry's sister, Mary spent a total of 37 cents on lollipops at the same store.

C) How many lollipops did she buy?

REMEMBER to show how you know your answers are correct.

Number and Operations in Base Ten:

Directions: Read through the following problem and answer the questions. Use the space on the back of this page to complete your work. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

Jaylon spilled a container of star stickers on the floor.

A) How many groups of 10 star stickers are there on the floor?

B) How many stickers are left over?

C) What is the total number of stickers that were spilled on the floor?

CHALLENGE:

D) If, Jaylon wanted to have a total of 80 star stickers, how many more does he need?

REMEMBER to show how you know your answers are correct.

Number and Operations in Base Ten:

Directions: Read through the following problem and answer the questions. Use the space on the back of this page to complete your work. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

Roberta has 100 candy treats. For her 10th birthday party, she wants to make goody bags for her guests with 10 in each bag.

A) How many goody bags can she make with 100 pieces of candy?

CHALLENGE:

Roberta has invited 12 friends to her party.

B) How many more piece of candy does she need to make a goody bag for each guest?

REMEMBER to show how you know your answers are correct.

Measurement and Data:

Directions: Read through the following problem and answer the questions. Use the space on the back of this page to complete your work. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

For this activity you will need to choose three objects that are different sizes, but not too big. You could choose a penny, a paper clip, a nail, a button, a pencil or even a toothpick. The three objects need to fit within the boxes below. What you have chosen them, trace in the appropriate box below and label each.

Smallest object #1 is a _____

Medium size object #2 is a _____

Largest object #3 is a _____

Now you are going to use these objects to measure two additional things in your home, and complete the **Data Chart** on the back of this page.

Measurement Data Chart

	Item #1 is a: _____	Item #2 is a: _____
Smallest object #1		
Medium size object #2		
Largest object #3		

A) Explain how you used the objects to figure out the length of the two items you chose. You want to explain carefully, so someone else will be able to measure the items in the same way that you did.

CHALLENGE:

B) Which one of your three objects would you choose to measure the width of your bed? Explain why the object you chose is the best one to use to measure the width of your bed.

REMEMBER to show how you know your answers are correct.

Measurement and Data:

Directions: Read through the following problem and answer the questions. Use the space on the back of this page to complete your work. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

Read the nursery rhyme below.

Jack and Jill

went up a hill

to fetch a pail of water.

Jack fell down

and broke his crown,

and Jill came tumbling after.

Use tally marks to complete the data chart below.

Length of Words by the Number of Letters in the Word

Fewer and three letters	
Three Letters	
Four Letters	
Five Letters	
More than five letters	

Now answer the questions on the other side of this paper.

A) What length of word is used the most in this nursery rhyme?

B) What length of word is used least?

CHALLENGE:

Pick a short rhyme or poem of your own and copy it into the space below.

C) Complete the same table as before using the nursery rhyme or poem that you chose.

Length of Words by the Number of Letters in the Word

Fewer and three letters	
Three Letters	
Four Letters	
Five Letters	
More than five letters	

Now answer the questions on the other side of this paper.

D) What length of word is used the most in this nursery rhyme?

E) What length of word is used least?

F) Write a sentence comparing the data from Jack and Jill with the data from your nursery rhyme or poem.
