Teacher's Resource Masters

GRADE 1 VOLUME 1

Topics 1-7

Interactive Math Stories
Home-School Connection Letters
Pick a Project
enVision® STEM Activities
Daily Review
Reteach to Build Understanding
Build Mathematical Literacy
Enrichment
Fluency Practice/Assessment

enVision® Mathematics

Grade 1
Volume 1: Topics 1–7

Topic 5
Work with Addition and Subtraction Equations

Topic 6
Represent and Interpret Data

Topic 7
Extend the Counting Sequence

This book belongs to:

Subtraction Dance Party

Written by Marilee Robin Burton
Illustrated by John Haslam

8 ducks get together to dance.

3 stop and chat.

How many ducks dance now?

_____ ducks

Topic 1 ● 1

fold down
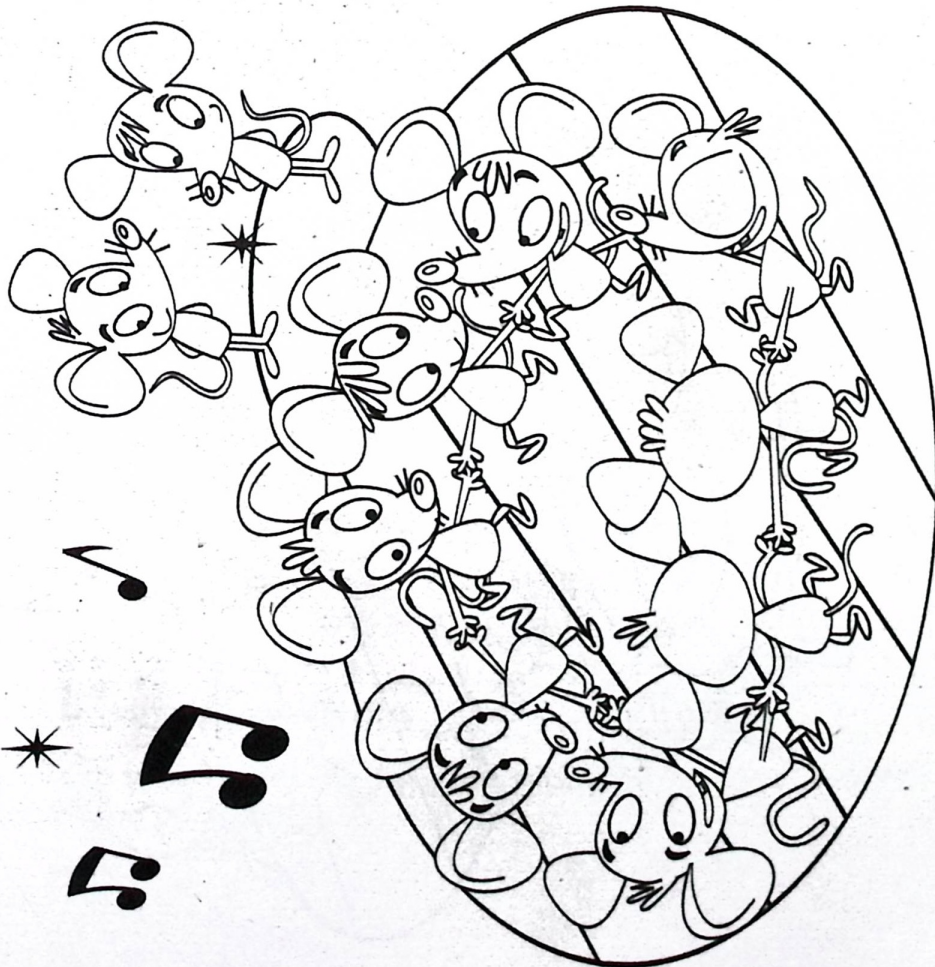
10 mice get together to dance.

2 stand and watch.

How many mice dance now?

_____ mice

Topic 1 ● 4
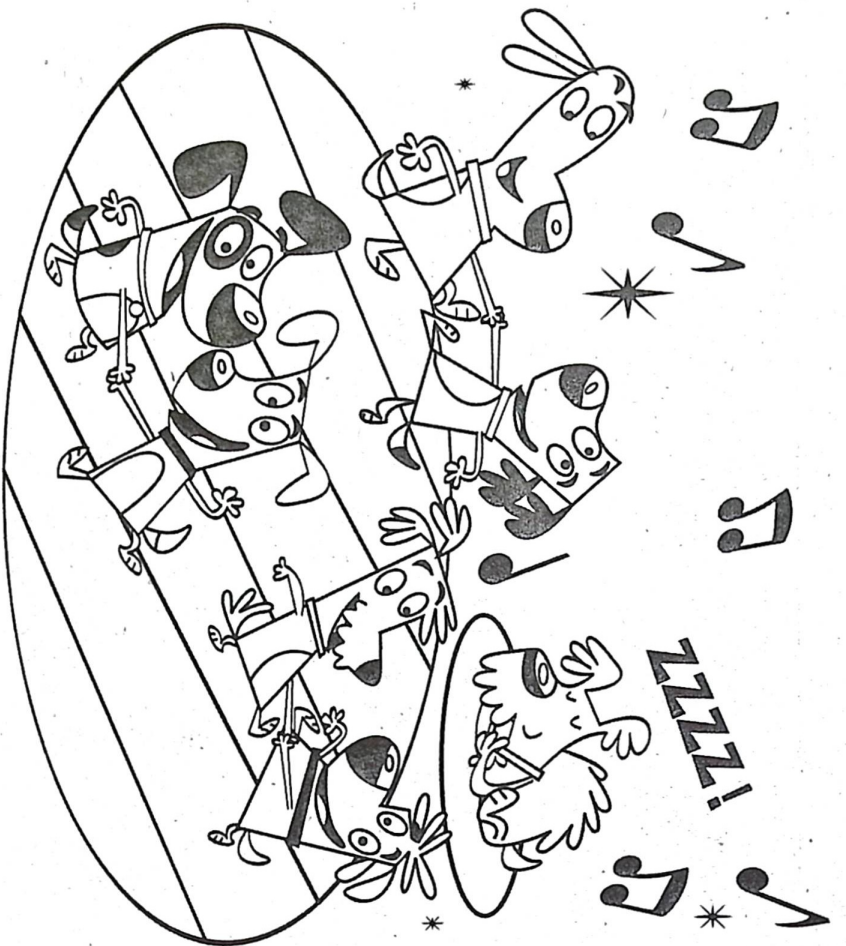
7 dogs get together to dance.

1 leaves and takes a nap.

How many dogs dance now?

____ dogs
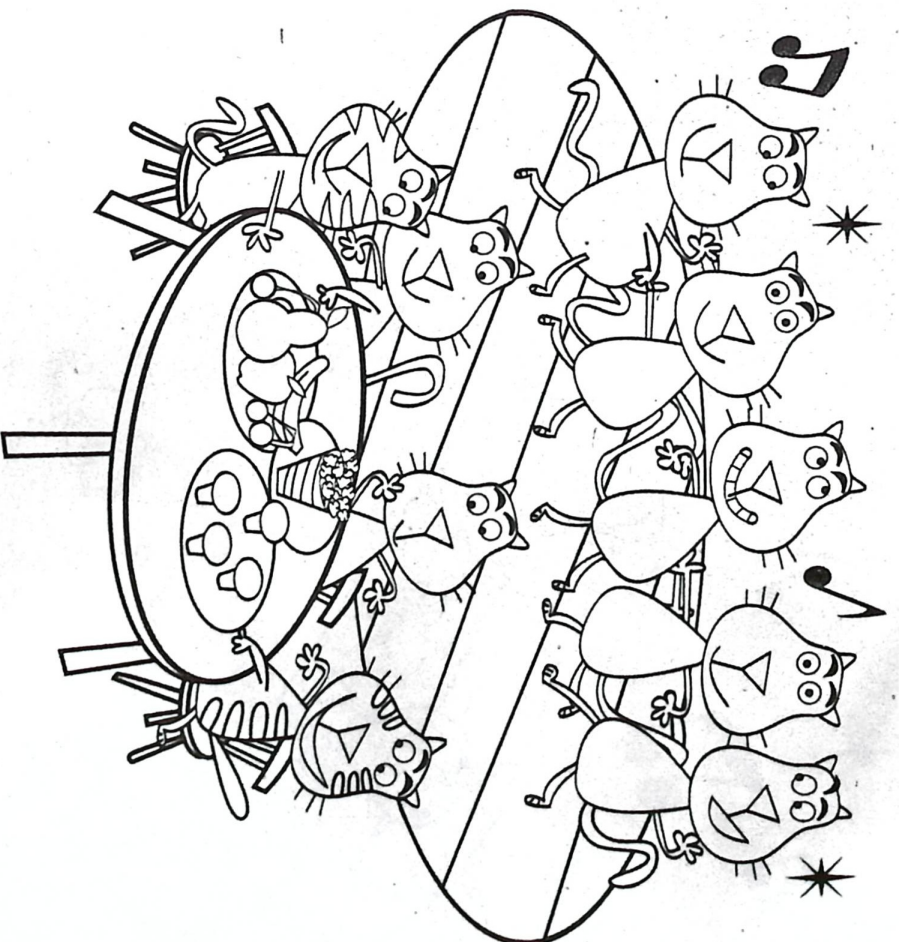
fold up

9 cats get together to dance.

4 sit and eat.

How many cats dance now?

____ cats

Name _____

Understand Addition and Subtraction

Dear Family,

Your child is learning about addition and subtraction. In this topic, your child will learn to solve problems by adding or subtracting and writing addition and subtraction equations. These are important foundational skills that will allow your child to communicate mathematical ideas and reasoning. These skills will also allow your child to analyze the information given in word problems and find solutions. Your child will learn how to use models to solve word problems.
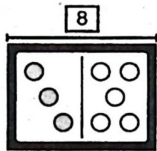

Each side of the mat represents parts of a whole. The number in the box above the mat represents the total. You can complete the model based on information given in a word problem. When one of the parts is missing, write a subtraction equation or an equation with an unknown addend. When the total is missing, write an addition equation.

Writing Addition Equations

Materials 8 small objects, paper, pencil

Take 5 small objects, such as paper clips or buttons, and divide them into 2 groups. Have your child write 2 addition equations for the objects. Then allow your child to divide the objects into 2 different groups. Write 2 addition equations for the objects and have your child help you decide if they are correct. Repeat the activity with 6 and 8 objects.
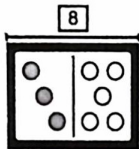
Observe Your Child

Discuss how the objects are good tools to model the equations. Then discuss other ways to model the equations.

Nombre _____

La suma y la resta

Escribir ecuaciones de suma

Materiales 8 objetos pequeños, papel, lápiz

Tome 5 objetos pequeños, como clips o botones, y divídalos en 2 grupos. Pida a su niño(a) que escriba 2 ecuaciones de suma para los objetos. Después pida a su niño(a) que divida los objetos en 2 grupos diferentes. Escriba 2 ecuaciones de suma para los objetos y pida a su niño(a) que le ayude a decidir si están correctas. Repita la actividad con 6 y 8 objetos.
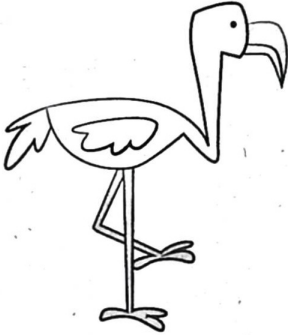
Observe a su niño(a)

Comenten cómo es que los objetos son buenas herramientas para representar las ecuaciones. Luego, comenten otras maneras para representar las ecuaciones.
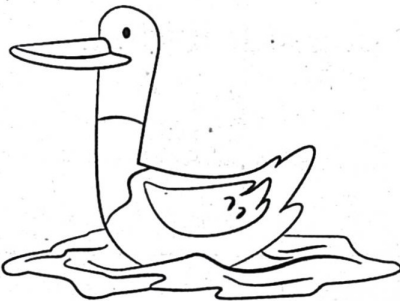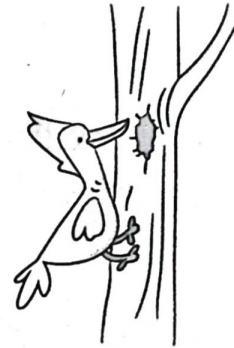
The Early Bird

Birds lay eggs. A group of eggs is called a **clutch**. A flamingo's clutch is usually 1 egg.

A woodpecker's clutch is about 4 eggs. Woodpeckers lay their eggs in a hole in a tree.

A duck's clutch is about 9 eggs. Some duck nests are on the ground. Some are on plants in the water.

Your Project   **Draw a Bird Clutch**

Pick a bird that you like. Find out its clutch size.
On the back of this page, draw a picture.
Draw the bird you like and its clutch.

Then find the total number of eggs in a woodpecker clutch and a clutch of the bird you picked.
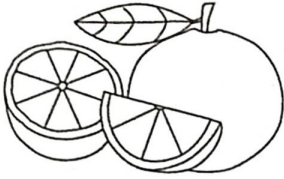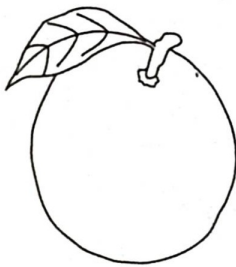
_____ + _____ = _____ eggs in all

Name_____

Citrus Fruit

Oranges and grapefruits are types of citrus fruit. They are healthy to eat.

There are many orange trees and grapefruit trees in different states.

Most oranges are used to make juice. Orange juice is the most popular juice in the world.

Your Project **Find Fruit Facts**

Something that is true is called a **fact**.
On the back of this page, write some facts about oranges.
Then write some facts about grapefruit.

Add the number of orange facts and grapefruit facts.
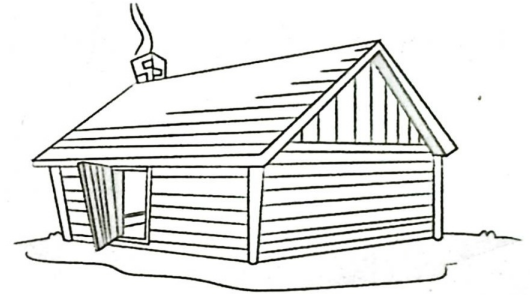How many facts did you write in all?

_____ + _____ = _____ facts

Name_____

Log Homes

Some houses are made out of stacked logs. Many log homes have a chimney.

The author Laura Ingalls Wilder was born in a log home in 1867. Her home had only 3 small windows.

Your Project **Build a Model**

Use a box to make a model of a log home.
Turn the box over so the open side is down.
Draw doors and windows on the home.
Have an adult cut out the doors and windows.
Use paper or cardboard to make a roof.

Write about your model on the back of this page.
Use words and numbers to describe your log home.
How many sides? How many windows?
Use 2 numbers to write an equation about your log home.