



Math Virtual Learning

2nd Grade Problem Solving

April 9, 2020



2nd Grade Math

Lesson: April 9, 2020

Learning Target:

Students will solve word problems using
2 digit subtraction.

Background: This is a review lesson from 2nd Grade

- Students learn to subtract single digit numbers in 1st grade
- Students learn to subtract double digit numbers within 100, without regrouping, in 1st grade

Let's Get Started:


Watch Videos:

1. [Brain Pop Jr: Solving Word Problems](#)
2. [Brain Pop Jr: Subtraction Without Regrouping](#)

[Anchor Lesson Video](#)

Practice #1a:

What should we look for in the story problem first?



Identify the parts of the story first..

- Characters?
- Setting?
- Problem: What are they trying to figure out?

There were 50 pennies in the jar. 22 of them were taken out. How many pennies are left in the jar?

Characters: pennies

Setting: jar

Problem: How many pennies are left in the jar?

Practice #1b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

There were 50 pennies in the jar. 22 of them were taken out. How many pennies are left in the jar?

Problem: How many pennies are left in the jar?

Answer Sentence: There are _____ pennies left in the jar.

Practice #1c:

Ask: Are we putting together or taking apart?

Think back to the video.

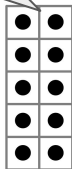
- Look for **keywords**
- Draw a **picture** to help using base ten blocks

There were 50 pennies in the jar. 22 of them were **taken out**. How many pennies are **left in the jar**?

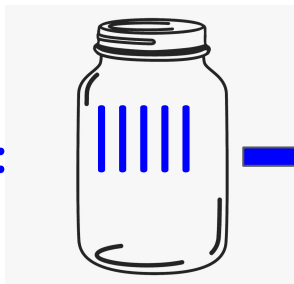
Keywords: taken out, left in the jar

Remember to break apart a ten!

| =



Picture:



taken out

?




left in the jar



Practice #2a:

What should we look for in the story problem first?



Identify the parts of the story first..

- Characters?
- Setting?
- Problem: What are they trying to figure out?

Kate had 28 ribbons. She gave 10 of them to Tom. How many ribbons does Kate have left?

Characters: Kate, Tom

Setting: unknown

Problem: How many ribbons does Kate have left?

Practice #2b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

Kate had 28 ribbons. She gave 10 of them to Tom. **How many ribbons does Kate have left?**

Problem: How many ribbons does Kate have left?

Answer Sentence: Kate has _____ ribbons left.

Practice #2c:

Are we putting together or taking apart?



Think back to the video.

- Look for **keywords**
- Draw a **picture** to help using base ten blocks

Kate had 28 ribbons. She **gave** 10 of them to Tom. How many ribbons does Kate **have left**?


Keywords: gave, have left

Picture:

$$\begin{array}{r} 28 \\ - 10 \\ \hline \end{array}$$

Practice #3a:

What should we look for in the story problem first?



Identify the parts of the story first..

- Characters?
- Setting?
- Problem: What are they trying to figure out?

There were 84 Blue jays in the tree. 54 of them flew away. How many Blue jays are left in the tree?

Characters: Blue jays

Setting: tree

Problem: How many Blue jays are left in the tree?

Practice #3b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

There were 84 Blue jays in the tree. 54 of them flew away. How many Blue jays are left in the tree?

Problem: How many Blue jays are left in the tree?

Answer Sentence: There are _____ Blue jays left in the tree.

Practice #3c:

Are we putting together or taking apart?



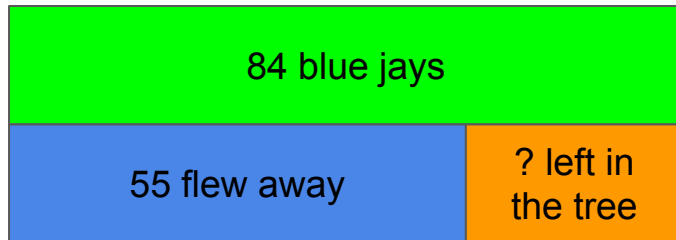
Think back to the video.

- Look for **keywords**
- Draw a **picture** to help using base ten blocks

There were 84 Blue jays in the tree. 54 of them **flew away**. How many Blue jays are **left** in the tree?

Keywords: flew away, left

Picture:




$$84 - 54 = ?$$


Practice on your own:
Go to this website:


GregTangMath.com



1. Click here to open website.

 Home

 Games

 Resources

2. Make sure drop down menus match

Operation

Add / Subtract ▼

Problem

Random ▼

Unknown

Random ▼

How Many

☒ One ☐ List

Range

1-100 ▼

WORD PROBLEMS

GENERATE

PRINT

Choice Board: Here are more ways to practice your facts

[NumTanga](#)



[Kakooma](#)



[Math Limbo](#)



[Big Puppy Canoe Race](#)



[Alien Addition](#)



[Jet Ski Addition](#)



[Bug Factory](#)



[Hidden Amusement Park Addition](#)



[Bridge Builder](#)



Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- ☐ easy,
- ☐ just right
- ☐ hard

2. Challenge: Expand your thinking and try using a 3 digit problem (with help from a parent) to add or subtract.