



Math Virtual Learning

2nd Grade Problem Solving

April 8, 2020



2nd Grade Math

Lesson: April 8, 2020

Learning Target:

Students will solve word problems using
2 digit addition within 100.

Background: This is a review lesson from 2nd Grade

- Students learn to add double digit, numbers within 100 without regrouping, in 1st grade
- Students learn to add double digit numbers, within 100 with regrouping, in 2nd grade

Let's Get Started:


Watch Videos:

1. [Brain Pop Jr. Adding With Regrouping](#)
2. [2nd Grade: Addition Word Problem Using Strategies](#)

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 are 64 swans and 32 ducks on the lake.
How many swans and ducks are on the lake all together?

Characters: swans, ducks

Setting: lake

Problem: How many swans and ducks are on the lake all together?

Practice #1b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

There are 64 swans and 32 ducks on the lake.
How many swans and ducks are on the lake all together?

Problem: How many swans and ducks are on the lake all together?

Answer Sentence: There are _____ swans and ducks on the lake.

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 are 64 swans and 32 ducks on the lake.

How many swans and ducks are on the lake all together?


Keywords: all together (so we are combining)

Picture: |||||... $90 + 6 = ?$

|||..

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?

There are 75 kids and 17 adults on the bus. How many people are on the bus?

Characters: kids, adults

Setting: bus

Problem: How many people are on the bus?

Practice #2b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

There are 75 kids and 17 adults on the bus. How many people are on the bus?

Problem: How many people are on the bus?

Answer Sentence: There are _____ people on the bus.

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

There are 75 kids and 17 adults on the bus. How many **people** are **on the bus**?


Keywords: people, on the bus (combining)

Picture:

$$\begin{array}{r} 75 \\ + 17 \\ \hline \end{array}$$

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?

Drew had 33 grapefruits. Alice gave him 12 more. How many grapefruits does Drew have now?

Characters: Drew, Alice

Setting: unknown

Problem: How many grapefruits does Drew have now?

Practice #3b:

Write your answer sentence.



HINT...

- Use your problem to write your answer sentence.

Drew had 33 grapefruits. Alice gave him 12 more. How many grapefruits does Drew have now?

Problem: How many grapefruits does Drew have now?

Answer Sentence: There are _____ grapefruits.

Practice #3c:

Are we putting together or taking apart?



Think back to the video.

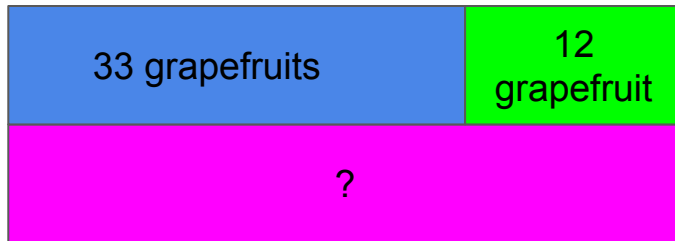
- Look for **keywords**
- Draw a **picture** to help using base ten blocks

Drew had 33 grapefruits. Alice **gave him** 12 more.

How many grapefruits does Drew **have now**?

Keywords: gave him, have now

Picture:



$$33+12 = ?$$

Practice on your own:

Complete this page in your packet.

Word Problems

- 1) There are 18 pencils in the drawer. Fred placed 17 more pencils in the drawer. How many pencils are now there in total ? _____
- 2) Benny had 31 quarters in his bank. His dad gave him 14 more quarters. How many quarters does he have now ? _____
- 3) Jessica picked 39 apples and Alyssa picked 31 apples from the apple tree. How many apples were picked in all ? _____
- 4) Tom has 15 books. Tim has 13 books. How many books do they have together ? _____
- 5) Mike found 49 seashells and Keith found 20 seashells on the beach. How many seashells did they find together ? _____
- 6) Sally had 19 baseball cards. Jason gave Sally 18 new baseball cards. How many baseball cards does Sally have now ? _____
- 7) Sara has 45 yellow balloons Melanie has 37 yellow balloons. How many yellow balloons do they have in total ? _____
- 8) Sally went to 23 baseball games this year. She went to 31 games last year. How many baseball games did Sally go to in total ? _____
- 9) There are 30 rose bushes currently in the park. Park workers will plant 38 more rose bushes today. How many rose bushes will the park have when the workers are finished ? _____
- 10) Sandy grew 28 watermelons. Mary grew 15 watermelons. How many watermelons did they grow in total ? _____



1. Click here to open worksheet.

Practice on your own:
Go to this website:

GregTangMath.com



1. Click here to open website.

 Home

 Games

 Resources

Operation

Problem

Unknown

How Many ☒ One ☐ List

Range

WORD PROBLEMS

GENERATE

PRINT

2. Make sure drop down menus match



Choice Board: Here are more ways to practice your addition 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. Write your own story problem and have a parent solve it to see if it makes sense.