



Math Virtual Learning

2nd Grade Number Sense Routine and the Word Problem of the Day

April 10, 2020



2nd Grade Math

Lesson: [April 10, 2020]

Learning Target:
Solve one step word problems using addition

Background: This lesson builds upon prior knowledge learned in 1st grade

- In 1st grade students learn to represent and solve problems within 20 using subtraction and addition
- In 2nd grade students learn to write and solve problems within 100 using subtraction and addition

Let's Get Started:

Number Sense Routine to Warm up:

1. [Video of Numberless Word Problems in Action](#)
2. Continue on to experience a Numberless Word Problem

Numberless Word Problem

Sara donated some books to the classroom library. John donated some more books to the classroom library.

Think: What are you picturing in your mind when you read this story?

Sara donated 14 books to the classroom library. John donated some more books to the classroom library.

Think: What changed? What did we learn from this new information? If the word “some” changes to a number, what number do you think it could be?

Sara donated 14 books to the classroom library. John donated 7 more books to the classroom library. How many books were donated?

Think: What operation will you use to answer the question? Why?

Numberless Word Problem

Sara donated 14 books to the classroom library. John donated 7 more books to the classroom library. How many books were donated?

Did you get 21 books for an answer to the problem?

If so, give yourself a high five!

If not, try see where you went wrong.



$$14 \text{ books} + 7 \text{ books} = 21 \text{ books}$$

Problem of the Day

Before we experience the word problems of the day, let's review our word problem solving steps on the next slide.



6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

When we solve word problems, we
have to make sure we complete
each step so we don't miss
anything!

Step 1: Read the entire word problem

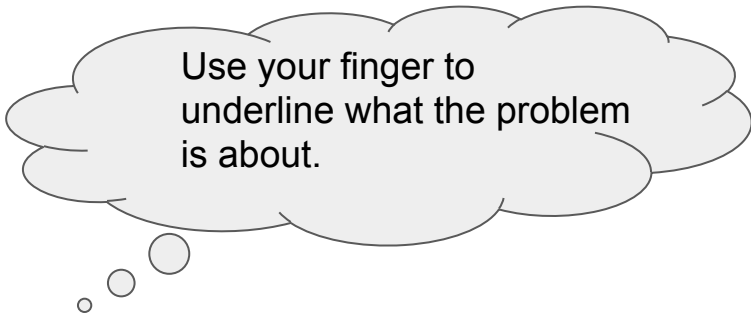
Khloe went swimming 48 times during the summer. Jane went swimming 19 times over the summer. How many times did the two of them go swimming combined over the summer?

Step 2: Write a statement

Jane and Khloe went swimming _____ times combined over the summer.

Step 3: Who or What is the problem about?

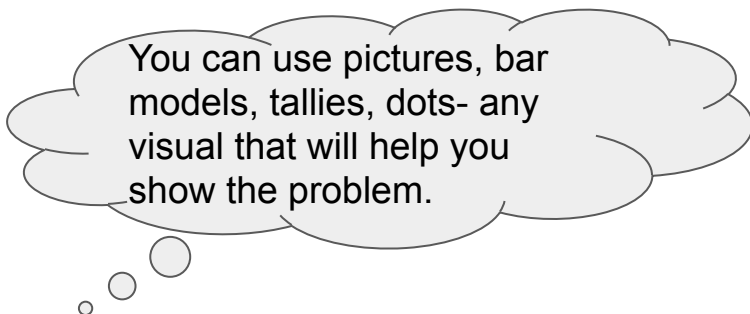
Khloe went swimming 48 times during the summer. Jane went swimming 19 times over the summer. How many times did the two of them go swimming combined over the summer?



Use your finger to underline what the problem is about.

Step 4: Draw your model

Khloe went swimming 48 times during the summer. Jane went swimming 19 times over the summer. How many times did the two of them go swimming combined over the summer?



You can use pictures, bar models, tallies, dots- any visual that will help you show the problem.

Step 5: Solve the problem

Khloe went swimming 48 times during the summer. Jane went swimming 19 times over the summer. How many times did the two of them go swimming combined over the summer?

$$\begin{array}{r} 48 + 19 = \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 40 \quad 8 \quad 10 \quad 9 \end{array}$$

$$40 + 10 = \underline{\quad}$$

$$8 + 9 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Jane and Khloe went swimming times combined over the summer.

Step 6: Check your answer

How can we check our answer to this problem?

Khloe went swimming 48 times during the summer. Jane went swimming 19 times over the summer. How many times did the two of them go swimming combined over the summer?

Let's Try All the steps!

Josh had 46 Pokemon cards in his collection. His friend Ken gave him 29 cards to add to his collection? How many Pokemon cards does Josh have now?

1. Read the entire problem.
 2. Rewrite the question as a statement.
 3. Who or what is the problem about?
 4. Draw your model
 5. Solve your equation(s).
 6. Check your answer.
-


More Practice On Your Own!

Go to the website: [Math Playground](https://www.mathplayground.com/)

1. Choose **Word Problem Set 5**

Add/Subtract - One Step

- Word Problem Set 1
- Word Problem Set 2
- Word Problem Set 3
- Word Problem Set 4
- Word Problem Set 5
- Word Problem Set 6
- Word Problem Set 7
- Word Problem Set 8
- Word Problem Set 9
- Word Problem Set 10



2. Read the word problem, **type your answer** in the white box and **click check**.

Addition and Subtraction Word Problems - Number Facts



Enter your answer in the space provided.

1 / 5 =>

Show all questions

Ned rode his bike 7 miles to the library.
He took a shortcut on the way home which was only 5 miles long.
How many miles did Ned ride altogether?

Check Show answer




More Practice On Your Own!

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3. Click the **arrow** to go to the next question

Addition and Subtraction Word Problems - Number Facts

Enter your answer in the space provided.

1 / 5 => 

Show all questions

Ned rode his bike 7 miles to the library.
He took a shortcut on the way home which was only 5 miles long.
How many miles did Ned ride altogether?

Check Show answer

Practice:

Complete this page in your packet.

Word Problem of the Day

There were 73 goldfish in the lake. 27 more goldfish joined them. How many goldfish are in the lake now?

Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- ☐ easy,
- ☐ just right
- ☐ hard

2. Check in with an adult on your answers to your problem of the day!