



Math Virtual Learning

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

April 9, 2020



2nd Grade Math
Lesson: [April 9, 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

Daniel invited some friends to go skating. His little sister invited some more friends to go skating.

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

Daniel invited 8 friends to go skating. His little sister invited some more friends to go skating.

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?

Daniel invited 8 friends to go skating. His little sister invited 4 friends to go skating. How many friends were invited?

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

Numberless Word Problem

Daniel invited 8 friends to go skating. His little sister invited 4 friends to go skating. How many friends were invited?

Did you get 12 friends for an answer to the problem?

If so, give yourself a high five!

If not, try see where you went wrong.

$$8 \text{ friends} + 4 \text{ friends} = 12 \text{ friends}$$



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

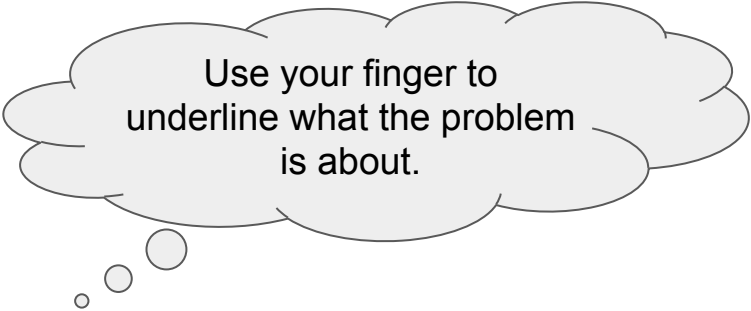
Remington planted 32 trees at a park near his house. Abigail planted 28 near her house. How many total trees did the two of them plant?

Step 2: Write a statement

They planted ____ trees together.

Step 3: Who or What is the problem about?

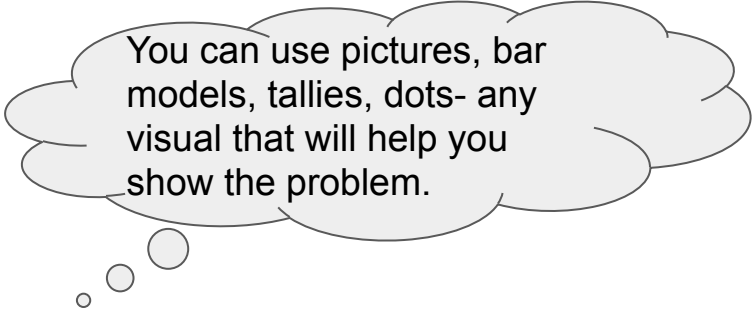
Remington planted 32 trees at a park near his house. Abigail planted 28 near her house. How many total trees did the two of them plant?



Use your finger to underline what the problem is about.

Step 4: Draw your model

Remington planted 32 trees at a park near his house. Abigail planted 28 near her house. How many total trees did the two of them plant?



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

Step 5: Solve the problem

Remington planted 32 trees at a park near his house. Abigail planted 28 near her house. How many total trees did the two of them plant?

$$\begin{array}{c} 32 + 28 = \\ \diagdown \quad \diagup \quad \diagdown \quad \diagup \\ 30 \quad 2 \quad 20 \quad 8 \end{array}$$

$$30 + 20 = \underline{\quad}$$

$$2 + 8 = \underline{\quad}$$

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

They planted trees together.

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!

A food stand sold 63 corn dogs and 35 funnel cakes at the carnival. How many food items did they sell that day?

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 4**

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!


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

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

Addition and Subtraction Word Problems - Number Facts

Enter your answer in the space provided.

[Show all questions](#)

1 / 5 => 

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 are 37 cucumber plants in the garden. There are 44 pumpkin plants in the garden. How many plants are there altogether?

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!