



Math Virtual Learning

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

April 7, 2020



2nd Grade Math

Lesson: [April 7, 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

Lindsey had some stickers. Her mom gave her more stickers.

Think: What are you picturing in your mind when you read this story? What is something Lindsey had?

Lindsey had 18 stickers. Her mom gave her more stickers.

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?

Lindsey had 18 stickers. Her mom gave her 5 more stickers. How many stickers does she have now?

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

Numberless Word Problem

Lindsey had 18 stickers. Her mom gave her 5 more stickers. How many stickers does she have now?

Did you get 23 stickers for an answer to the problem?

If so, give yourself a high five!

If not, try see where you went wrong.



$$18 \text{ stickers} + 5 \text{ stickers} = 23 \text{ stickers}$$

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

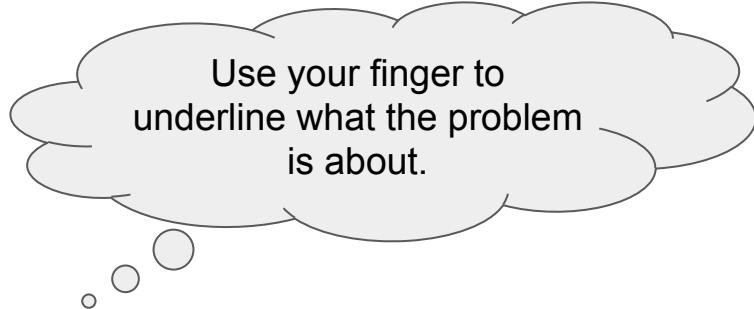
Izaiah had 23 marbles. Gage gave him an additional 62 marbles. How many marbles does Isaiah now have?

Step 2: Write a statement

Isaiah now has ____ marbles.

Step 3: Who or What is the problem about?

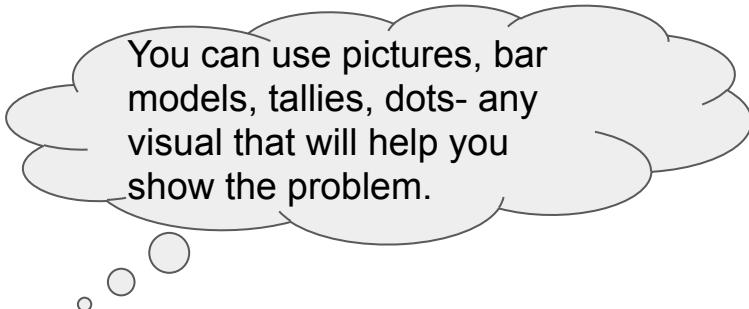
Izaiah had 23 marbles. Gage gave him an additional 62 marbles. How many marbles does Isaiah now have?



Use your finger to underline what the problem is about.

Step 4: Draw your model

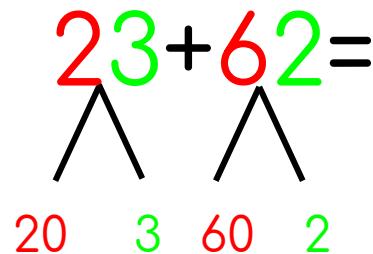
Izaiah had 23 marbles. Gage gave him an additional 62 marbles. How many marbles does Isaiah now have?



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

Step 5: Solve the problem

Izaiah had 23 marbles. Gage gave him an additional 62 marbles. How many marbles does Isaiah now have?

$$23 + 62 =$$


20 3 60 2

$$20 + 60 = \underline{\hspace{2cm}}$$

$$3 + 2 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Isaiah now has marbles.

Step 6: Check your answer

How can we check our answer to this problem?

Izaiah had 23 marbles. Gage gave him an additional 62 marbles. How many marbles does Isaiah now have?

Let's Try All the steps!

There were 58 Snickers bars in the candy drawer at home. Mom bought 15 Kit Kats at the store. How many candy bars do I have in my candy drawer 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](#)

1. Choose Word Problem Set 2

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

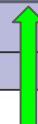
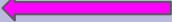
Enter your answer in the space provided.

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?



More Practice On Your Own!

Go to the website: [Math Playground](#)

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?

Practice:

Complete this page in your packet.

Word Problem of the Day

Gail had 10 marbles. Joy gave her 60 more. How many marbles does Gail have 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!