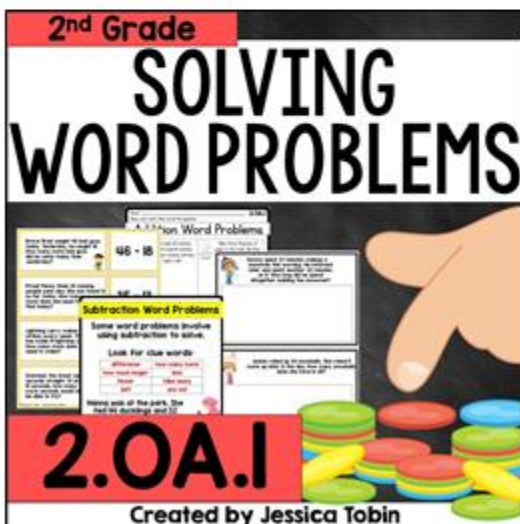


# 2.OA.I

This math unit provides lesson plans and math group resources to use while teaching the standard **2.OA.I**, which states that students will be able to...

**"Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem."**



## Using This Unit

Let's look at the structure of this unit.

### Pre-Assessment

- A pre-assessment is included that will help give you an idea of where your students are with this specific standard. Give this pre-assessment prior to any lessons on the standard.

### Daily Lessons

- Whole Group- The whole group lesson will typically involve an anchor chart or poster to discuss. This should take about five minutes to complete.
- Partner Practice- The whole group activity will be followed up with a partner practice activity. It will build on the knowledge the students learned or reviewed in the whole group lesson. This should take between 5-10 minutes.
- MATH Groups- There are four break-apart groups to do a day. Each rotation can last between 10-15 minutes depending on how long you get for your math block.
  - Math Writing*- 2 writing options are given each day (one full sized page OR a cut and glue strip for a math journal)
  - Apply Skills*- You will find a variety of practice resources here, such as printables, interactive notebooks, or partner activities.
  - Teacher Time*- Small group differentiation can happen here. Most days will include a 'Remediation' activity, an 'On-Level' activity, and an 'Enrichment' activity.
  - Hands-on Practice*- These centers will give your students chances to get practice with manipulatives and other engaging activities.
- Exit Slip- Every single day will come with an exit slip for students to show what they learned that day. Teacher will cut apart the three strips.

### Assessment

- This is to be completed after all lessons and math groups are taught.

# Daily Lesson Plans

Each standards-based math unit comes with daily lessons. Some are 3 days, while others may be 5+ days, depending on how complex the standard is. There are **4 main components** of each daily lesson.

2nd Grade Math: 2.OA.1 Lesson #1	2.OA.1 lesson 1
	I can use addition and subtraction to solve one-step and two-step word problems.
Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	
Activities	
Whole Group	Today's focus is all about the mnemonic device, BURST. Teacher will introduce the mini poster or create an anchor chart about BURST. Teacher will model and discuss how to show the BURST method on 2 problems. Students will turn and talk to describe what they watched their teacher do.
Partner Practice	Students will participate in a Mix-Pair-Share activity. They will mix up around the room, pair up with a new partner, and share what each letter stands for in "BURST".
Math Groups	M- Students will use the BURST method on a math problem and write about their work. Teacher will choose the full-page writing sheet OR the cut-apart strips for math journals. A- Students will create a BURST mini book. They will cut and glue their book together. On each page, they'll write information about each step. T- Teacher time is not differentiated today. Instead, students and teachers will work together to discuss their input learning page in their interactive notebook. Then, they will work through a guided output page. H- Students will draw a word problem card and practice the B and U steps of BURST on each task card.
Exit Slip	Students will complete an exit slip independently. Students will trade papers with a nearby classmate and grade their paper with a marker/pen while teacher reviews answers as a whole group.

**Whole group activity:** This activity will typically include an anchor chart mini poster, plus some sort of teacher modeling activity.


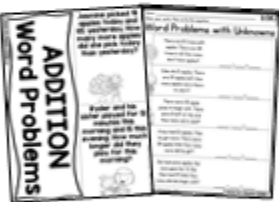
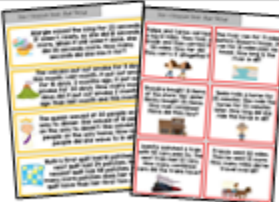

**Partner practice:** This will be a hands-on partner activity following the whole-group.

**M.A.T.H. groups:** (Explained in depth on next page) There are four groups/centers.

**Exit slip:** There are 3 exit slips to a page to cut out and administer for student learning.

# M.A.T.H. Groups

Each day comes with four group activity suggestions and materials for 'M.A.T.H.' groups. This is your small group time, splitting the class up into four groups to rotate around the room, participating in different activities for 10-20 minutes a piece.

<b>M</b>	Math Writing	2 options... worksheet or cut/glue notebook strips	
<b>A</b>	Apply New Skills	Worksheet or interactive notebook activities to apply the skill learned in whole group	
<b>T</b>	Teacher Time	Differentiated time for 3 levels (remediation, on-level, enrichment)	
<b>H</b>	Hands-On Math	Engaging center to follow up on the whole group/partner practice	



# Day 1 Activities

Here's a look at day 1's whole group, partner practice, MATH group activities, and exit slip.

**2nd Grade Math: 2.OA.1 Lesson 1**

I can use addition and subtraction to solve one-step and two-step word problems.

Use addition and subtraction within 100 to solve one-step word problems involving situations of adding to, taking from, joining together, joining apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown to represent the problem.

**Activities**

Today's focus is all about the invisible device BURST. Teacher will introduce the new poster or create an anchor chart about BURST. Teacher will model and discuss how to show the BURST notation on 2 problems. Students will light and talk to describe what they noticed their teacher do.

Students will participate in a Partner-Share activity. They will sit up around the room, pair up with a new partner, and share what each other stands for in BURST.

As students will use the BURST notation on word problems.

## Word Problems

BURST helps you break your word problem into easier chunks.

**B** Box your important numbers and math information.

**U** Underline the question or action statement.

**R** Restate

Marny was the messenger today. In the morning, she delivered 6 pieces of paper. In the afternoon, she delivered 8 pieces of paper. How many pieces of paper did Marny get to deliver today?

The Tooth Fairy had 28 quarters left at the end of the night. The Tooth Fairy also had 12 dimes. How many more coins did she have than teeth?

**B**

**U**

**R**

**S**

Name: \_\_\_\_\_

Beethoven wrote 16 symphonies in March and 8 symphonies in April. How many symphonies did he write in those two months?

a. Show how to set up the "B" of BURST. Solve.

b. Explain how you solved the problem.

Name: \_\_\_\_\_

Beethoven wrote 16 symphonies in March and 8 symphonies in April. How many symphonies did he write in those two months?

a. Show how to set up the "B" of BURST. Solve.

b. Explain how you solved the problem.

**BURST** Word Problem

Name: \_\_\_\_\_

What does the B stand for in BURST?

**B**

What does the U stand for in BURST?

**U**

**R**

What does the R stand for in BURST?

**S**

What does the S stand for in BURST?

**2.OA.1**

I can use addition and subtraction to solve one-step and two-step word problems.

To help us solve word problems, we can use BURST.

**B** Box your important numbers and math information.

**U** Underline the question or action statement.

**R** Restate the question.

**BURST**

**B**

**U**

**R**

**S**

**T**

Left the flag and write what each letter represents.

**Day 1 Think-on-Talk**

Tatiana picked 15 tomatoes. She also picked 21 carrots. How many carrots and tomatoes did she pick in all?

The farmer had 44 tomatoes on the vine. He picked 20 tomatoes. How many were left on the vine?

Jenny watered her plants for 13 minutes in the morning. She watered them for 28 minutes in the afternoon. How many total minutes did she water them?

James saw 38 worms on the way to school. He saw 22 worms on the way home. How many more worms did he see on the way to school than on his way home?

**Day 1 Think-on-Talk**

Sandra took 14 wheelbarrow loads of mulch to the backyard. The she took 26 more back. How many loads did she take in all?

Kelly examined 34 plants. She looked at 13 bugs. How many more plants did she look at than bugs?

Roger put 15 plants into pots. Friend Tom put 21 plants into pots. How many plants did they put in all?

It rained for 47 minutes yesterday. Today, it rained for 12 minutes. How much longer did it rain yesterday than today?

**Day 1 Think-on-Talk**

Stephen dug 26 holes yesterday and 13 today. How many holes did he dig in all?

The sun was out for 50 minutes today. Yesterday, it was out for 25 minutes. How much longer was the sun out today than yesterday?

Shelly the scarecrow scared birds this morning and 27 birds this afternoon. How many total birds did she scare?

There are 38 peas in new bag of peas. The leftover bag has 17 more peas. How many more peas are in the new bag than the leftover bag?

**2.OA.1 Exit Slip #1**

Fill in the table for BURST.

B	S
U	T
R	

Name: \_\_\_\_\_

**2.OA.1 Exit Slip #1**

Fill in the table for BURST.

B	S
U	T
R	

Name: \_\_\_\_\_

**2.OA.1 Exit Slip #1**

Fill in the table for BURST.

B	S
U	T
R	

Name: \_\_\_\_\_

# Day 2 Activities

Here's a look at day 2's whole group, partner practice, MATH group activities, and exit slip.

**2nd Grade Math: 2.OA.1 Lesson 2**

Use addition and subtraction to solve one-step word problems.

**Activities:**

- Today's focus is all about one-step addition word problems.
- Students will use the addition and subtraction facts they know to solve one-step word problems.
- Students will use the addition and subtraction facts they know to solve one-step word problems.

**Addition Word Problems**

Some word problems involve using addition to solve.

Look for clue words:

in all	altogether
together	both
combined	total
sum	how many more

Susan had 12 snake stuffed animals and 24 tiger stuffed animals. How many stuffed animals does she have total?

Tommy spent 27 minutes making a snowman this morning. He returned later and spent another 22 minutes on it. How long did he spend altogether building the snowman?

Jackie rolled up 34 snowballs. She rolled 8 more up later in the day. How many snowballs does she have in all?

**NOT Addition Clue Words**

**Addition Clue Words**

in all	less than
altogether	difference
combined	fewer
together	gave away
sum	left
both	less

**2.OA.1**

Name: \_\_\_\_\_

In the marching band, there were 23 people playing the clarinet and 23 people playing the drums. How many people were playing both the clarinet and the drums?

a. Show your work.

b. Restate the question and explain your answer.

**Addition Word Problems**

Name: \_\_\_\_\_

Write your work. Then write the equation.

Sarah made 23 cookies. Benji made 18 cookies. How many cookies did they make in all?

Write your work.

Write the equation.

**Addition Word Problems**

Name: \_\_\_\_\_

Write your work. Then write the equation.

Each used 2 blocks. He used 33 blocks later in the day. How many blocks did he use altogether?

Write your work.

Write the equation.

**2.OA.1**

I can solve ADDITION word problems.

Strategy 1: Drawings

Strategy 2: Equations

Julian had 27 bananas and 31 grapes. How many pieces of fruit did he have in all?

Write your work.

Write the equation.

**Addition Word Problems**

Shaun was selling slime for a dime. In the morning, he sold 27 slimes. In the afternoon, he sold 23 more slimes. How many slimes did he sell altogether?

Lift the flap and draw a place value picture to show the word problem.

Lift the flap and show the equation and solution.

**Day 2 Think-on-It!**

Yeli made 17 cookies. He made another batch with 25 cookies. How many did he make in all?

Yeli set out 12 cookies for Santa. He thought that wasn't enough, so he put 14 more cookies out. How many total cookies did he set out?

Yeli picked up 15 sticks. He found 28 more on the way home and picked those up too. How many sticks did he pick up combined?

Yeli read 16 pages of his book in the morning. He read 22 pages later that night. How many pages did he read altogether?

**Day 2 Think-on-It!**

Yeli ran for 28 minutes on Saturday and 14 minutes more on Sunday. How many minutes did Yeli run in all?

Yeli slept for 8 hours yesterday and 16 hours today. How many total hours did he sleep?

Yeli snowboarded for 19 minutes today and 24 minutes yesterday. How many minutes did he snowboard altogether?

Yeli wrapped 22 presents today and 26 presents yesterday. How many combined presents did he wrap?

**Day 2 Think-on-It!**

**Show your work!**

28 + 14

11 + 16

19 + 24

22 + 26

**Record your work**

Write your work and solve the problem.

Kamira scribbled her dog for 17 minutes, and then she read her dog for 16 minutes. How many minutes was Kamira scribbling and reading her dog?

**2.OA.1 Exit Slip #2**

Name: \_\_\_\_\_

Show your work and solve the problem.

Kamira scribbled her dog for 17 minutes, and then she read her dog for 16 minutes. How many minutes was Kamira scribbling and reading her dog?

# Day 3 Activities

Here's a look at day 3's whole group, partner practice, MATH group activities, and exit slip.

**2nd Grade Math: 2.OA.1 Lesson #3**

Use addition and subtraction to solve one-step word problems.

**Activities:**

Today's focus is all about one-step subtraction word problems. You will use the subtraction strategy to solve one-step subtraction word problems. You will use the subtraction strategy to solve one-step subtraction word problems. You will use the subtraction strategy to solve one-step subtraction word problems.

**Exit Slip:**

Use the subtraction strategy to solve one-step subtraction word problems. You will use the subtraction strategy to solve one-step subtraction word problems. You will use the subtraction strategy to solve one-step subtraction word problems.

## Subtraction Word Problems

Some word problems involve using subtraction to solve.

Look for clue words:

difference	how many more
how much longer	less
fewer	take away
left	are not

Hanna was at the park. She fed 44 ducklings and 32 adult ducks. How many more ducklings did she feed than ducks?

44 - 32 = 12  
2.OA.1

There were 47 leaf piles. Rachel raked up 12 of them. How many leaf piles were left?

Brad had 33 sprinkles on her ice cream, taking a few bites. How many did she eat?

**NOT Subtraction Clue Words**

**Subtraction Clue Words**

in all	less than
altogether	difference
combined	fewer
together	gave away
sum	left
both	less
	take away

**Subtraction Word Problems**

Mr. Terry's math class started the year with 47 blue shirts. They have used 36 blue shirts. How many blue shirts are left?

Ms. Tolson asked the class to spin their spinners 30 times. Each spin, they wrote down the number. How many times did they write down the number 10?

**Subtraction Word Problems**

Larry's farm has 36 animals. Larry fed 22 of them. How many animals haven't gotten food yet?

Digger rides her horse for 15 minutes daily. She made for 5 minutes. How much longer will she ride?

There are 24 eggs. Tommy collected 18. How many eggs does she still need to collect?

Brian bathes Percy every 28 days. He got a bath 12 days ago. How many days until Percy gets bathed?

27 chickens live in the coop. 16 are outside on the lawn.

**2.OA.1**

I can solve SUBTRACTION word problems.

Strategy 1: Drawings  
46 - 23  
XX XXX

Strategy 2: Equations  
46 - 23 = 23

Subtraction Key Words: less, different, left, how many more

**Subtraction Word Problems**

Sarahbeth sold lemonade this weekend. Saturday, she sold 42 cups. Sunday, she sold 18 cups. What is the difference between Sarahbeth's sales on Saturday and Sunday?

**Lift the flap and draw a place value picture to show the word problem.**

**Lift the flap and show the equation and solution.**

**Day 3 think-on task.**

There are 47 dogs in trouble. Super Billy rescued 12 of them. How many more need to be saved?

Mighty Kasha gets 24 cuts down from trees each today. Today she has gotten 12 cuts down. How many more cuts does she need to help?

Legendary Leo shipped 44 crates yesterday. He has shipped 27 crates today. How many more crates did he ship yesterday than today?

Fast Frankie runs 28 miles each day. She has run 15 miles today. How many more miles does she need to run?

**Day 3 think-on task.**

Brave Brad caught 47 bad guys yesterday. How many more bad guys did he catch today than yesterday?

Proud Penny finds 35 missing people each day. She has found 13 so far today. How many more does she need to find today?

Lightning Larry makes 37 lightning strikes every week. This week, he has made 15 lightning strikes. How many more does he need to make?

Gretchen the Great can fly for 48 seconds straight. If she flies for 16 seconds, how many more seconds would she be able to fly?

**Day 3 think-on task.**

**Show your work!**

46 - 18 = 28

35 - 13 = 22

37 - 19 = 18

48 - 16 = 32

**Record your work!**

2.OA.1 Exit Slip #3

How your work and solve the problem.

Tommy's cat had 15 cat toys. She turned on 12 of them. How many cat toys does Tommy's cat have left?

2.OA.1 Exit Slip #3

How your work and solve the problem.

Tommy's cat had 15 cat toys. She turned on 12 of them. How many cat toys does Tommy's cat have left?

2.OA.1 Exit Slip #3

How your work and solve the problem.

Tommy's cat had 15 cat toys. She turned on 12 of them. How many cat toys does Tommy's cat have left?



**Here's a look at day 4's whole group, partner practice, MATH group activities, and exit slip.**

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# Day 5 Activities

Here's a look at day 5's whole group, partner practice, MATH group activities, and exit slip.

**2nd Grade Math: 2.OA.1 Lesson 5**

Use addition and subtraction to solve one-step and two-step word problems.

**Activities**

1. Read and discuss the word problem. Write the equation and solve it. Show your work.

2. Read and discuss the word problem. Write the equation and solve it. Show your work.

3. Read and discuss the word problem. Write the equation and solve it. Show your work.

4. Read and discuss the word problem. Write the equation and solve it. Show your work.

**Subtraction Word Problems**

Some word problems involve using subtraction to solve.

Look for clue words:

difference	how many more
how much longer	less
fewer	take away
left	are not

Parade jumped off the high board 58 times this week. Her brother Ryan jumped off it 24 times. How many more times did Parade jump off than her brother?

Amari and her family cooked 38 hotdogs and 12 cheeseburgers. How many more hotdogs did they make than cheeseburgers?

Della had 86 sprinkles on her ice cream. After she

Benjamin had 58 chocolate chips in his ice cream. 10 of

The second-grade students got ice cream today. 57 of the students got 3 scoops. 63 of the students got 2 scoops. What is the difference between the kids with 3 scoops and 2 scoops?

The ice cream truck served 75 people yesterday, but only 37 today. How many more people did it serve yesterday than today?

3 served 68 more people yesterday than today.

True false true false

Name: \_\_\_\_\_ 2.OA.1

Notalia made lines of patterns during indoor recess. She had 82 pattern blocks to use. Sara asked to borrow some. She gave her 28 blocks. How many blocks did Notalia have left?

a. Recheck the question and explain your answer.

b. Show your work.

**SUBTRACTION Word Problems**

Notalia made lines of patterns during indoor recess. She had 82 pattern blocks to use. Sara asked to borrow some. She gave her 28 blocks. How many blocks did Notalia have left?

Notalia made lines of patterns during indoor recess. She had 82 pattern blocks to use. Sara asked to borrow some. She gave her 28 blocks. How many blocks did Notalia have left?

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Notalia made lines of patterns during indoor recess. She had 82 pattern blocks to use. Sara asked to borrow some. She gave her 28 blocks. How many blocks did Notalia have left?

**SUBTRACTION Word Problems**

Gabi pulled her pumpkin 84 feet today. Yesterday, she pulled it 37 feet. How much further did she pull it today than yesterday?

Jaylen carved 4 pumpkins. His brother only carved 26. How many more pumpkins did Jaylen carve than his brother?

**SUBTRACTION Word Problems**

The heaviest pumpkin at the patch was 54 pounds. The lightest was 9. How much more did the heaviest pump weigh?

Jada weighed pumpkins for hours this week and 15 hours last week. How many more hours did she weigh pumpkins this week?

**2.OA.1 Exit Slip #5**

There were 90 footprints in the sand, but the detective only saw 65. How many footprints did the detective miss?

The detective walked for 60 minutes, but only looked for clues for 50 minutes. How much time was spent not looking for clues?

The dog trailed a scent for 90 feet. The last 20 feet were across a creek. How many feet were traveled before the creek?

There were 70 fingerprints found at the scene. 30 of those fingerprints belonged to the detective. How many fingerprints did not belong to the detective?

The detective had a list of 60 suspects. She crossed 30 names off the list. How many suspects were left?

The detective walked for 30 minutes. How many minutes was she walking?

**2.OA.1 Exit Slip #5**

Koyle spent 43 minutes being the lookout today and 38 minutes yesterday. How much more time did she look out today than yesterday?

The parrot saw 92 pirates and 20 ships. How many more pirates did it see than ships?

The ship anchored for 58 minutes yesterday and 29 today. How much longer was it anchored yesterday than today?

The island was 75 miles away yesterday and 25 miles away today. How much closer is the island today?

**2.OA.1 Exit Slip #5**

The captain steered the ship for 40 minutes and the first mate for 34. How much longer did the captain steer the ship?

Leto ate 25 meals last week and 20 this week. How many more meals did he eat last week than this week?

Señorita had 64 times today and 34 yesterday. How many more times did she talk today?

Kevin had 72 bubbles in his bath. 60 of them burst. How many bubbles remained in the bath?

Madison laid in bed for 40 minutes. She only slept for 35 minutes. How many minutes was she awake in bed?

**2.OA.1 Exit Slip #5**

Harold rode the bus for 45 minutes today and 40 yesterday. How many more minutes did he ride today than yesterday?

Jane brushed her teeth 18 times last week. Her brother only brushed 7 times. How many more times did Jane brush than her brother?

Beggie rode his bike for 43 minutes. His sister joined him for 25 minutes. How long did Beggie ride alone?

Tracy took 24 minutes to pack her lunch. Her usually took 10 minutes. How much longer did it take her today?

**2.OA.1 Exit Slip #5**

Victor's mom gave him a box filled with 85 candies. He ate 16 of them. How many candies did Victor have left?

The family was at the dinner for 90 minutes. They spent 50 minutes. How much time did the dinner last?

Pia played with sparklers for 28 minutes. She spent 15 of those minutes with her mother. How much time did she play with sparklers on her own?

Tyler used 45 sparklers during the celebration. His sister only used 20. How many more sparklers did Tyler use than his sister?

The celebration lasted for 45 minutes. How many minutes did the celebration last for?

**2.OA.1 Exit Slip #5**

Victor's mom gave him a box filled with 85 candies. He ate 16 of them. How many candies did Victor have left?

The family was at the dinner for 90 minutes. They spent 50 minutes. How much time did the dinner last?

Pia played with sparklers for 28 minutes. She spent 15 of those minutes with her mother. How much time did she play with sparklers on her own?

Tyler used 45 sparklers during the celebration. His sister only used 20. How many more sparklers did Tyler use than his sister?

The celebration lasted for 45 minutes. How many minutes did the celebration last for?

**2.OA.1 Exit Slip #5**

Victor's mom gave him a box filled with 85 candies. He ate 16 of them. How many candies did Victor have left?

The family was at the dinner for 90 minutes. They spent 50 minutes. How much time did the dinner last?

Pia played with sparklers for 28 minutes. She spent 15 of those minutes with her mother. How much time did she play with sparklers on her own?

Tyler used 45 sparklers during the celebration. His sister only used 20. How many more sparklers did Tyler use than his sister?

The celebration lasted for 45 minutes. How many minutes did the celebration last for?

**2.OA.1 Exit Slip #5**

Victor's mom gave him a box filled with 85 candies. He ate 16 of them. How many candies did Victor have left?

The family was at the dinner for 90 minutes. They spent 50 minutes. How much time did the dinner last?

Pia played with sparklers for 28 minutes. She spent 15 of those minutes with her mother. How much time did she play with sparklers on her own?

Tyler used 45 sparklers during the celebration. His sister only used 20. How many more sparklers did Tyler use than his sister?

The celebration lasted for 45 minutes. How many minutes did the celebration last for?



# Day 6 Activities

Here's a look at day 5's whole group, partner practice, MATH group activities, and exit slip.

**2nd Grade Math: 2.OA.1 Lesson 6**

**2.OA.1 Lesson 6**

I can use addition and subtraction to solve one-step word problems.

Use addition and subtraction within 100 to solve one-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by drawing drawings and equations with a circle for the unknown number to represent the problem.

**Activities**

Read the story and solve the problem. Write an equation to solve the problem. Use a drawing to help you. Write the answer.

**Problem**

There are 50 trees in all. How many more trees are there than the ones that are not trees?

Write an equation to solve the problem. Use a drawing to help you. Write the answer.

**Unknowns in All Positions**

Sometimes, your word problems will ask to solve a problem with a missing number in the problem.

Your problem may look like...

$15 + X = 32$   
 $X - 24 = 11$

(The X is your unknown.)

Sara went on two jogs today.

Drina got \$2 from her mom for doing her chores. She put it in her piggy bank which now has \$56 total. How much money did she have before doing chores?

Yeti had a goal to hike 45 miles in all. He hiked some today. He still needed 27 miles to get to his goal. How far did he hike today?

Herbert used 12 pieces of bread to sandwiches for his friends. The loaf of bread had 48 pieces remaining. How many pieces of bread did the loaf begin with?

Name: \_\_\_\_\_

Kate the K helped her officer for 27 minutes on Monday. She helped her officer for 53 minutes on Tuesday. How long did she help on Tuesday?

a. Write the problem with a circle for the unknown.  
 b. Solve the problem and explain your answer.

The goat ate some flower petals today. She ate 37 petals. She smelled 9 flowers. How many flower petals were left?

Name: \_\_\_\_\_

Kate the K helped her officer for 27 minutes on Monday. She helped her officer for 53 minutes on Tuesday. How long did she help on Tuesday?

a. Write the problem with a circle for the unknown.  
 b. Solve the problem and explain your answer.

Kate the K helped her officer for 27 minutes on Monday. She helped her officer for 53 minutes on Tuesday. How long did she help on Tuesday?

a. Write the problem with a circle for the unknown.  
 b. Solve the problem and explain your answer.

Name: \_\_\_\_\_

Kate the K helped her officer for 27 minutes on Monday. She helped her officer for 53 minutes on Tuesday. How long did she help on Tuesday?

a. Write the problem with a circle for the unknown.  
 b. Solve the problem and explain your answer.

Kate the K helped her officer for 27 minutes on Monday. She helped her officer for 53 minutes on Tuesday. How long did she help on Tuesday?

a. Write the problem with a circle for the unknown.  
 b. Solve the problem and explain your answer.

Name: \_\_\_\_\_

Word Problems with Unknowns

Maria painted today. She painted yesterday for 24 minutes. She painted for 32 minutes today. How long did she paint today?

Monica painted for 32 minutes today. She painted for 24 minutes yesterday. How long did she paint today?

Bertie used 12 bottles of paint today. She used 32 bottles of paint yesterday. How many bottles of paint did she use today?

Mr. G. painted for 32 minutes today. He painted for 24 minutes yesterday. How long did he paint today?

Name: \_\_\_\_\_

Word Problems with Unknowns

There are 50 trees in all. How many more trees are there than the ones that are not trees?

Julie ate 12 apples. There are 32 apples left. How many apples were there to start?

There were 15 apples in a basket. There were 12 apples left. How many apples were there to start?

A bag had 32 apples. There were 12 apples left. How many apples were there to start?

Don't break it! - Green Group

The boy had 20 crayons. Then, he found some more. Now, he has 32 crayons in all. How many crayons did he find?

Jan had a goal to study for 40 minutes today. He studied for 20 minutes. How long did he study today?

Patrick wanted to see 50 frogs in the pond. He saw some in the morning. He still needed to see 20 frogs to get to his goal. How many frogs did he see?

Tina had 30 blocks. She found some more. Now, she has 52 blocks altogether.

Don't break it! - Green Group

Bastien played with 70 tiles today. He played with 30 tiles in the morning. How many tiles did he play with in the afternoon?

The boys are working on a puzzle. They worked for 30 minutes earlier today and he minutes left to go. He will work for 10 minutes beginning to end.

Kim worked on an 80 puzzle. She put some down. She still had 30 left to put down. How many pieces has she used?

There were 32 red bathing suits at the pool. Some people had on orange bathing suits. 60 people had red or orange on. How many had orange bathing suits on?

Don't break it! - Blue Group

Evie went down some water slides yesterday. She then went down 34 more today. She went down 34 total. How many did she go down yesterday?

Ava finished her painting. She had 50 colors. She used 27 more colors. How many colors did she have left?

28 ice cream bars were sold in the morning. 47 ice cream bars were sold in the afternoon. How many ice cream bars were sold in all?

The boy spent time at the water park. He went down slides for 42 minutes and was in the pool for 24. How long was he in the park from the beginning?

Don't break it! - Blue Group

6 purple ice cream bars were sold yesterday. More were sold today. 47 purple ice cream bars were sold in all. How many were sold today?

Ky had 45 dots on her flower. Her friend's flower had 24 dots. The two flowers had 4 combined dots. How many dots did her friend's flower have?

The lifeguards went through 32 bottles of sunscreen in June. They went through 32 bottles in July and then 24 in August. How many bottles did they have to begin with?

Chase swam for 38 minutes. Oydre's mom said they swam for 12 minutes after Chase. How long did he swim?

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Don't break it! - Purple Group

$24 + X = 72$

$62 - X = 27$

$14 \times X = 54$

$81 - X = 18$

Don't break it! - Purple Group

Write your own word problem.

Joelyn wrapped 19 presents today. She wrapped some yesterday. She had wrapped 35 total. How many did she wrap yesterday?

The family went shopping with \$50 at the start. They spent some on groceries. They had \$12 remaining. How much did they spend on groceries?

The duck family traveled 27 miles on their trip in all. They traveled for a while, then stopped. They had 81 miles left. How far had they gone?

Don't break it! - Purple Group

$24 \times X = 52$

Core and her brother built snowmen yesterday. They built 40 snowmen total. How many did they build yesterday?

Sol made 56 pizzas to sell to begin with. He sold most of them. He still had 14 pizzas left to sell. How many pizzas did he sell?

Carlos did 42 minutes of homework. His brother did homework too. They did 66 minutes of homework altogether. How much did Carlos brother do?

Audrey had 45 minutes to go sledding at the start of the day. She spent 12 minutes talking to friends. How much time did she spend going down hills?

Don't break it! - Purple Group

Chicken had enough ingredients to make 66 pies to begin with. She made some pies. She dropped ingredients for 18 pies on the ground so they couldn't be used. How many pies did she make?

Ramon was allowed to play outside for 75 minutes. He played in his trellis. Then he swung on the swing for 43 minutes. How long did he play in the trellis?

Candace fed 26 chickens. There were more chickens that needed to be fed. The farm has 63 chickens in all. How many chickens still need to be fed?

Paulette weighed 45 pumpkins yesterday. She weighed some more today. She has weighed 142 pumpkins total. How many did she weigh today?

Don't break it! - Purple Group

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**Here's a look at day 5's whole group, partner practice, MATH group activities, and exit slip.**

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# Assessments

Each unit comes with a pre-assessment to give to students before you teach the standard. This will come before any introduction to the standard. There is also an assessment to give after your unit is complete.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## 2.0A.1 Pre-Assessment

Solve each word problem.

Carrie caught 13 bugs in a jar. She then caught 28 more and put them in a jar. How many bugs are in the jar in all?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

Dane counted 17 bugs on Monday. He counted more on Tuesday. In all, he saw 39 bugs. How many bugs did he see on Tuesday?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

22 fireflies were in the backyard. 27 fireflies flew in to join them. 15 of them flew away. How many fireflies were left?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

## 2.0A.1 Assessment

Solve each word problem.

Jake got an x-ray that showed 14 bones. He had another x-ray that showed 18 bones. How many total bones were on the x-rays?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

Stacy snipped a piece of yarn that was 26 inches long. There were still 33 inches of yarn left. How much yarn was there to begin with?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

24 yak were in the state park. 15 more yaks moved in. Then, 20 yaks left the park. How many yaks are in the park?

Show your work: \_\_\_\_\_

Restate the question and explain: \_\_\_\_\_

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