# Story Problems Numbers 100-1,000

- Adding to, taking from
- Putting together, taking apart
- Comparing
- Problems With Unknowns
- Two Step Problems

# POSTER PROBLEMS FOR SMALL GROUPS

## Directions

1. Divide class intro groups ( I keep my students in their table groups of 4-5 students).

2. Select a problem that matches the type of problem that you want kids to work on independently (ex. Adding together, taking apart, comparing).

3. Make enough copies for each group to have one problem. Paste or staple the problem on a half sheet of chart paper or a large piece of construction paper.

4. For problems with blanks, tell students to write a name of their choice.

5. Allow time for groups to work through all problem solving steps (I have mine posted and look for evidence of each step as I circulate).

6. While circulating ask questions that guide students to understand errors and explain their thinking.

7. Select one group that has a good understanding of the problem to share their strategy with the class.

# Cupcake Bakery
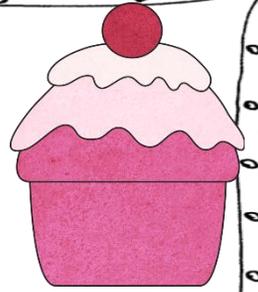
Sweet Delights had 93 strawberry cupcakes. They baked 46 more. How many strawberry cupcakes does Sweet Delights have now?

**93 + 46 = 139 strawberry cupcakes**
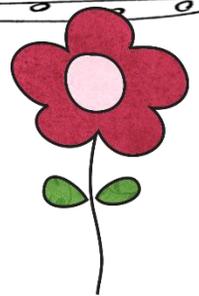
# Flower Garden

_____ had a garden of 104 flowers. 89 more flowers grew. How many flowers in in _____'s garden now?

**104 + 89 = 193 flowers**

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# Swinging Friends

There were 245 children at recess. 109 more children joined them. How many children are at recess now? **245 + 109 = 354 children**

# Lunch Friends

There were 112 students eating lunch in the cafeteria. 58 more students joined them. How many students are eating in the cafeteria now?

**112 + 58 = 170 students**

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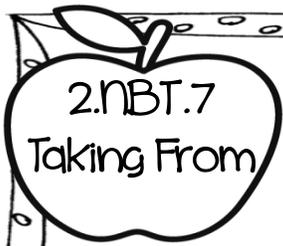
# Chopping Trees
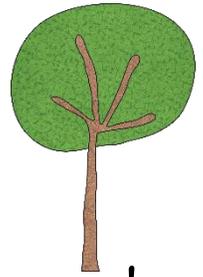
There were 952 trees in Everwood Forest. A woodsman chopped down 327 trees. How many tress are left?

**952 - 327 = 625**
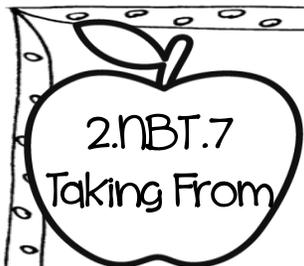
# Sharing Stickers
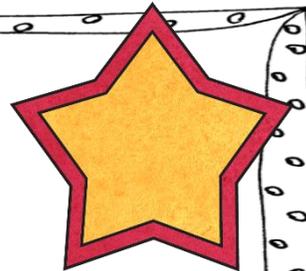
_____ has 727 star stickers. _____ shared 386 stickers with a friend. How many stickers does _____ have left?

**727 - 386 = 341 stickers**

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# Pumpkin Patch

The pumpkin patch has 692 pumpkins. They sold 459 pumpkins. How many pumpkins does the pumpkin patch have left?

**692 - 459 = 233 pumpkins**

# Computer Counting

Windy Hill Elementary has 264 computers. 29 computers broke. How many computers does Windy Hill have that work?

**254 - 29 = 235 computers**

# Slide Rides

296 students went to the playground in the morning. 398 students went to the playground in the afternoon. How many students went to the playground in the morning and afternoon?

**296 + 398 = 694 students**

# School Bus

There were 179 boys on the school bus and 136 girls on the school bus. How many total children were on the school bus?

**179 + 136 = 315 students**

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# Apple Snack
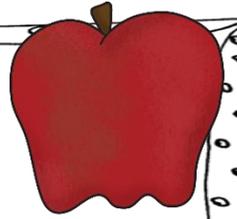
Tommy's class picked 99 apples in the orchard. Brandon's class picked 236 apples in the orchard. How many apples did both classes pick in all?

**99 + 236 = 335 apples**
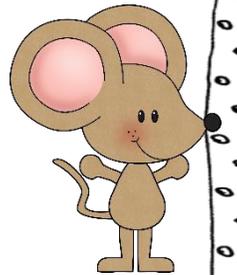
# Maggie Mouse

Maggie mouse ate 104 bites of cheese on Monday and 207 bites of cheese on Tuesday. How many bites did Maggie Mouse eat on Monday and Tuesday?

**104 + 207 = 311 bites**

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# 2nd Grade Students

Martin Luther King School has 991 students. 482 students are boys. How many girls are there at Martin Luther King School?

**991 - 482 = 517 students**

# Awesome Aquarium
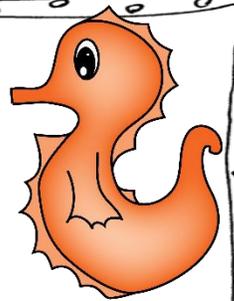
Sidney's aquarium has 584 seahorses and fish. If she has 168 seahorses, how many fish does Sidney have?

**584 - 168 = 415 fish**

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# Football Friends

There are 373 kids playing football on the blue and red team. If there are 146 kids on the blue team, how many kids are on the red team?

**373 - 146 = 227 kids**
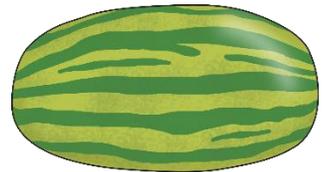
# Fruit Salad

Hannah made a fruit salad for a picnic made of watermelon and grapes. The fruit salad has 786 fruits. 337 pieces are watermelon. How many grapes are in the fruit salad?

**786 - 337 = 449 grapes**

# Cheerleading Teams

There are 352 cheerleaders on the blue team and 249 cheerleaders on the red team. How many more cheerleaders are on the blue team than the red team?

**352 - 249 = 103 more cheerleaders**

# Super Science

The MOSH Science Museum has 351 exhibits. The Marine Science Museum has 291 exhibits. How many more exhibits are at the MOSH museum than the Marine museum?

**351 - 291 = 60 more exhibits**

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# Betsy's Books

Betsy read 335 fantasy books this year. Betsy read 298 non fiction books this quarter. How many more fantasy books did Betsy read than non fiction books?

**335 - 298 = 37 more fantasy books**

# Umbrella Sales

Disney World sold 450 umbrellas during a rain storm on Monday. They sold 138 umbrellas during a rain storm on Tuesday. How many more Umbrellas did Disney sell on Monday than Tuesday?

**450 - 138 = 312 more umbrellas**

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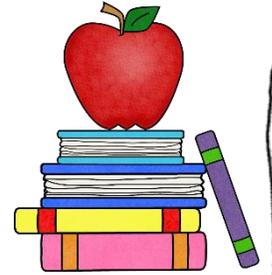
# Book Check Out

Sunny Side Elementary has 892 books in their library. The librarian checked out a bunch. There are 705 books left. How many books did the librarian check out?

**892 - _187_ = 705 books**
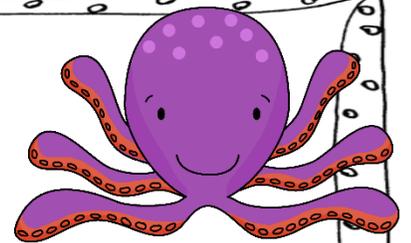
# Ollie Octopus

Ollie Octopus has 123 fish friends and some octopus friends. If he has a total of 281 friends, how many of Ollie's friends are Octopuses?

**123 + _158_ = 281
158 Octopuses**

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# Skateboarding Star

Some kids were skateboarding at the park. 162 kids went home. Now there are 98 kids left. How many kids were skateboarding before anyone went home? **_260_ - 162 = 98**
**260 kids**

# Bayside School

Bayside School had 692 students present. Some kids went home sick. Now Bayside School has 670 kids. How many kids went home sick? **692 - 22 = 670**
**22 students**

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# Money Saving

_____ got 445 pennies from mom and 427 pennies from dad. How many pennies does _____ have in all?

**445 + 427 = 872 pennies**

_____ spent 391 pennies on a toy at the toy store. How many pennies does _____ have now? **872 - 391 = 481 pennies**

# Grocery Store Stock

Fresh Foods Grocery Store has 451 strawberries in stock and 396 raspberries in stock. How many berries does Fresh Foods Grocery Store have in all?

**451 + 396 = 847 berries**

Fresh Foods Grocery Store sold 439 of their berries How many berries are left?

**847 - 439 = 408 berries**

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# Piggy bank

Courtney saved $178 in her piggy bank. For her birthday she got $86 more. How much money does Courtney have now?

**$178 + $86 = $264**

Courtney's mom gave her $105 more for helping with chores. How much money does Courtney have now?

**$264 + $105 = $369**

# Shopping Spree

Ben bought has $160 to spend at the mall. He bought a video game for $52. How much does Ben have left?

**$160- $52 = $110**

Ben spend $88 on school cloths. How much money does he have now?

**$110 - $88 = $22**

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# Adding To, Taking From, Putting Together, Taking Apart

2.NBT.7 – Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts the hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

*Note- This standard does not mention students solving addition and subtraction word problems up to 1,000. I included these story problems because I found it most beneficial for my students to apply the algorithm to real world situations.*

1. Dog Walking
2. Fishy Friends
3. Musical Instruments
4. Flower Bouquet
5. Library Visits
6. Star Stickers
7. Sun Stickers
8. Crayon Collection
9. Pencil Bins
10. Washington Elementary
11. Computer Counting
12. Sticker Sort
13. Quiz

Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(putting together)

# Dog Walking

Beth started a dog walking business. She walked 245 dogs in December and 389 dogs in January. How many dogs did Beth walk in December and January?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

Solve the Problem Using a Strategy

_____ _____ = _____

**245 + 389 = 634 dogs**

Write an Equation    Label Your Answer

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

**634 - 389 = 245**

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    + -    Draw a Picture

4    6

Do the problem over

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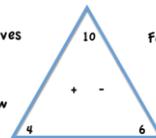
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(taking from).

# Fishy Friends

Little Friends Pet Shop has 499 fish. They sold 121 fish. How many fish do they have now?
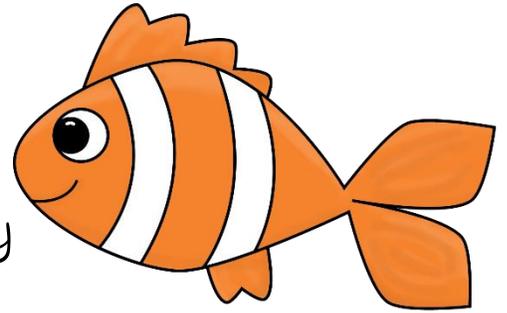
Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐
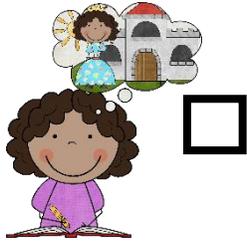
### Retell the Problem
☐
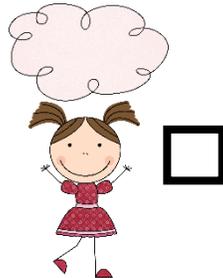
### Underline Key Words & Circle Key Numbers
☐
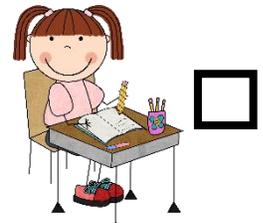
## Solve the Problem Using a Strategy

____ ____ = ____

**499 - 121 = 378 fish**

Write an Equation    Label Your Answer

Lollipops?    Apples?
Books?    Puppies?
flowers?    Pennies?

**378 + 121 = 499**

## Check Your Work

Use Manipulatives    10    Fact Family
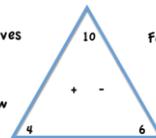
Try a new strategy    + -    Draw a Picture

4    6

Do the problem over

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Name: _____ Date: _____

# Musical Instruments

The music room has 312 musical instruments. A charity donated 98 more. How many musical instruments does the music room have now?
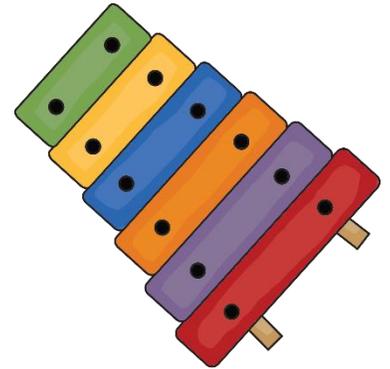
**Follow the problem solving steps. Check the box after you have completed each step.**

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

## Solve the Problem Using a Strategy

## Write an Equation / Label Your Answer

_____ _____ = _____

**312 + 98 = 410 instruments**

2 + 2 =

Lollipops? Apples?

Books? Puppies?

Flowers? Pennies?

**410 - 98 = 312**

## Check Your Work
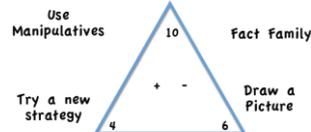
Use Manipulatives

Try a new strategy

Fact Family

Draw a Picture

10

+ -

4   6

Do the problem over

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Name: _____ Date: _____

# Flower Bouquet

_____ picked a bunch of 272 flowers. Mom gave _____ 112 more flowers. How many flowers does _____ have now?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

Solve the Problem Using a Strategy

____ ____ = ____

**272 + 112 = 384 flowers**

Write an Equation    Label Your Answer

2 + 2 =

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

**384 - 112 = 272**

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    + -    Draw a Picture

4    6

Do the problem over

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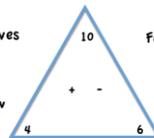
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000 (taking from).

# Library Visits
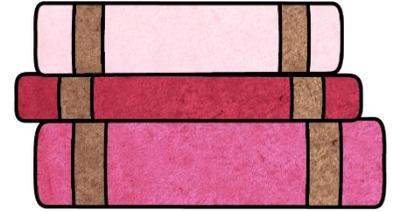
Mrs. March's class visited the library and checked out 172 books. At the end of the week they returned 84 of their books. How many books does Mrs. March's class still have checked out?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
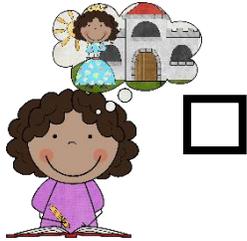
Retell the Problem ☐
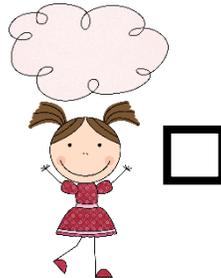
Underline Key Words & Circle key Numbers ☐
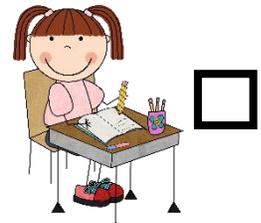
**Solve the Problem Using a Strategy**

_____ _____ = _____

**172 - 84 = 88 books**

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?
Apples?
Books?
Puppies?
Flowers?
Pennies?

**88 + 84 = 172 books**

Check Your Work

Use Manipulatives
Fact Family
Try a new strategy
Draw a Picture
10
+ -
4    6
Do the problem over

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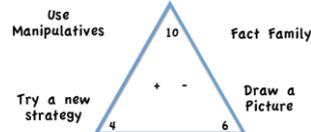
2. NBT.7- Add and subtract within 1,000
(putting together)

# Star Stickers
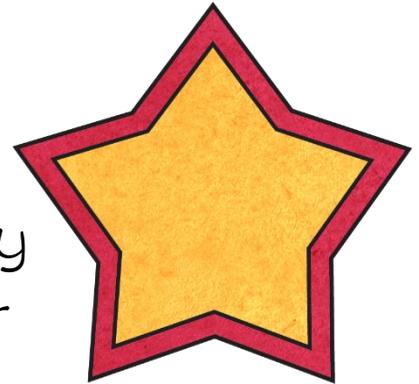
Matthew has 286 star stickers. Corey has 138 star stickers. How many star stickers do they have in all?

Follow the problem solving steps. Check the box after you have completed each step.

**Visualize the Problem** ☐

**Retell the Problem** ☐

**Underline Key Words & Circle Key Numbers** ☐

### Solve the Problem Using a Strategy

____ ____ = ____

**286 + 138 = 424 stickers**

Write an Equation    Label Your Answer

Lollipops?    Apples?

2 + 2 =

Books?    Puppies?

Flowers?    Pennies?

**424 - 138 = 286**

### Check Your Work

Use Manipulatives    10    Fact Family

+  -

Try a new strategy    4        6    Draw a Picture

Do the problem over

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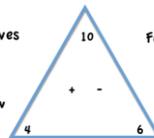
2. NBT.7- Add and subtract within 1,000
(taking from).

## Sun Stickers

Hannah bought 321 sun stickers. She gave 56 to her friend Aiden. How many sun stickers does Hannah have left?
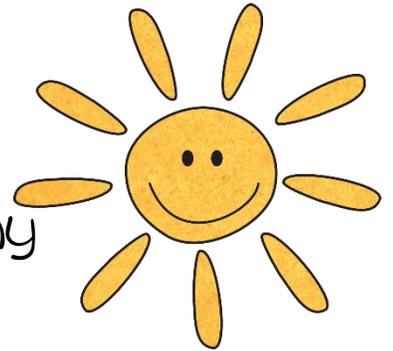
Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

### Solve the Problem Using a Strategy

Write an Equation

____ ____ = ____

**321 - 56 = 265 stickers**

Label Your Answer

Lollipops?   Apples?

Books?   Puppies?

Flowers?   Pennies?

2 + 2 =

**265 + 56 = 321**

Check Your Work

Use Manipulatives   Fact Family

Try a new strategy   Draw a Picture

Do the problem over

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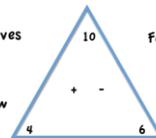
2. NBT.7- Add and subtract within 1,000
(putting together)

# Crayon Collection

Kiara has 208 crayons in her box.
Destiny has 649 crayons in her box.
How many crayons do they have in all?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

_____ _____ = _____

**208 + 629 = 857 crayons**

Write an Equation  Label Your Answer

2 + 2 =

Lollipops?  Apples?

Books?  Puppies?

Flowers?  Pennies?

**857 - 629 = 208**

Check Your Work

Use Manipulatives   10   Fact Family

Try a new strategy   + -   Draw a Picture

4       6

Do the problem over

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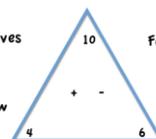
2. NBT.7- Add and subtract within 1,000
(taking from)

# Pencil Bins
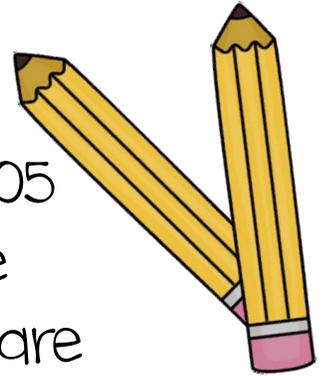
At the beginning of the day there were 405 sharp pencils in the bin. 136 Pencils broke during the day. How many sharp pencils are left?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

## Solve the Problem Using a Strategy

## Write an Equation

_____ _____ = _____

**405 - 136 = 269 pencils**

## Label Your Answer

Lollipops?  Apples?

Books?  Puppies?

Flowers?  Pennies?

2 + 2 =

**269 + 136 = 405**

## Check Your Work

Use Manipulatives
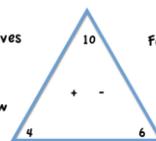
10

Fact Family

Try a new strategy

+  -

4    6

Draw a Picture

Do the problem over

Name: _____ Date: _____

# Washington Elementary

Washington Elementary has 898 students. 445 students are girls. How many students are boys?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

_____ _____ = _____

**898 - 445 = 453 students**

Write an Equation  Label Your Answer

2 + 2 =

Lollipops?  Apples?

Books?  Puppies?

Flowers?  Pennies?

**453 + 445 = 898**

Check Your Work

Use Manipulatives  10  Fact Family

Try a new strategy  + -  Draw a Picture

4  6

Do the problem over

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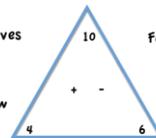
Name: _____  Date: _____

2. NBT.7- Add and subtract within 1,000
(taking apart)

# Computer Counting

Mr. Tripp has 165 desktop and laptop computers in the computer lab. If 85 computers are laptops, how many computers are desktops?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

**Write an Equation**

_____ _____ = _____

**165 - 85 = 80 desktops**

**Label Your Answer**

Lollipops?  Apples?
Books?  Puppies?
Flowers?  Pennies?

2 + 2 =
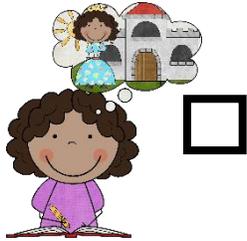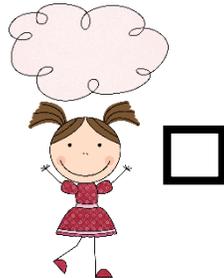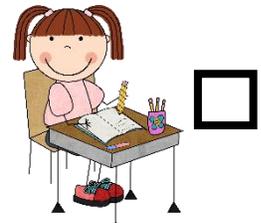
**80 + 85 = 165**

**Check Your Work**

Use Manipulatives
Try a new strategy
Fact Family
Draw a Picture
10
+ -
4   6
Do the problem over

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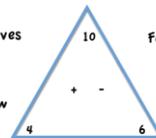
2. NBT.7- Add and subtract within 1,000
(taking apart)

# Sticker Sort
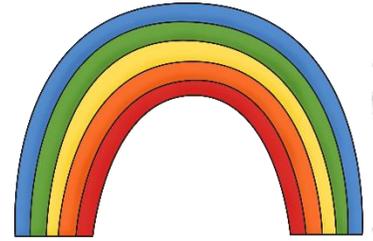
Katie has 390 rainbow and sunshine stickers. If 151 of her stickers are rainbows, how many sunshine stickers does Katie have?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

<u>Underline Key Words & Circle Key Numbers</u> ☐

**Solve the Problem Using a Strategy**

_____ _____ = _____

**390 - 151 = 239 sunshine stickers**

Write an Equation   Label Your Answer

2 + 2 =

Lollipops?   Apples?

Books?   Puppies?

Flowers?   Pennies?

**239 + 151 = 390**

Check Your Work

Use Manipulatives   10   Fact Family

Try a new strategy   + -   Draw a Picture

4   6

Do the problem over

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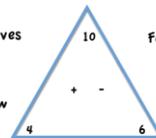
Name: _____ Date: _____

# Quiz: 2.NBT.7- Adding and Subtracting

Solve each problem using the problem solving strategies.

1. Jenny has 559 stickers. Julie has 336 stickers. How many stickers do they have in all?

**559 + 336 = 895 stickers**

2. Chris has 491 cookies. He gave 307 of them to his neighbors. How many cookies does Chris have now?

**491 - 307 = 184 stickers**

_____/2 Adding & Subtracting

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# Comparing

2.NBT.7 – Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts the hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

1. Planting Seeds
2. Word Wizard
3. Library Books
4. Awesome Authors
5. Book Reading
6. Sight Word Study
7. Crayon Boxes
8. Bunch of Blocks
9. Quiz

Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(comparing)

# Planting Seeds

Ben planted 572 seeds this spring. He planted 382 seeds last spring. How many more seeds did Ben plant this spring than last spring?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

$$572 - 382 = 190 \text{ more seeds}$$

Write an Equation    Label Your Answer

Lollipops?    Apples?

2 + 2 =

Books?    Puppies?

Flowers?    Pennies?

$$190 + 382 = 572$$

**Check Your Work**

Use Manipulatives    10    Fact Family

Try a new strategy    +  -    Draw a Picture

4    6

Do the problem over

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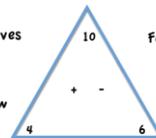
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(comparing)

# Word Wizard

Kyle read 164 words per minute. Aaron read 128 words per minute. How many more words per minute did Kyle read than Aaron?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
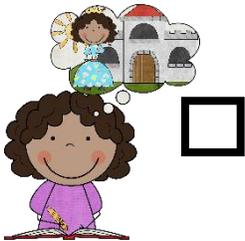
Retell the Problem ☐

<u>Underline Key Words & Circle Key Numbers</u> ☐

## Solve the Problem Using a Strategy

_____ _____ = _____

**164 - 128 = 36 more words**

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?          Apples?

Books?          Puppies?

Flowers?          Pennies?

**36 + 128 = 164**

Check Your Work

Use Manipulatives          Fact Family

10

+          -

Try a new strategy          Draw a Picture

4          6

Do the problem over

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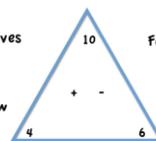
2. NBT.7- Add and subtract within 1,000
(comparing)

# Library Books

Smith Elementary has 453 fiction books and 519 non fiction books. How many more fiction books are there than non fiction books?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
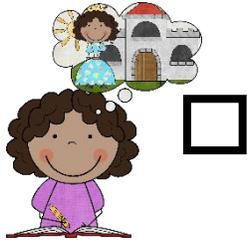
Retell the Problem ☐
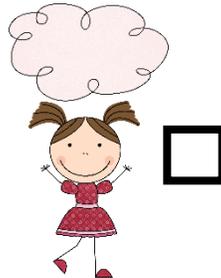
Underline Key Words & Circle Key Numbers ☐
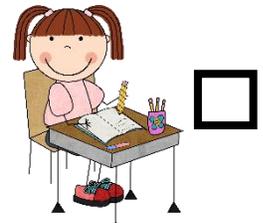
Solve the Problem Using a Strategy

Write an Equation
**519 - 453 = 66 more fiction books**

Label Your Answer
Lollipops?
Apples?
Books?
Puppies?
Flowers?
Pennies?

**66 + 453 = 519**

Check Your Work
Use Manipulatives
Try a new strategy
Fact Family
Draw a Picture
Do the problem over

10
+ -
4    6

2 + 2 =
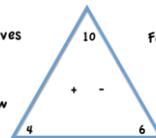
2. NBT.7- Add and subtract within 1,000 (comparing)

# Awesome Authors

The students in Mrs. Klein's class wrote 132 stories. The students in Mr. Ned's class wrote 98 stories. How many more stories did Mrs. Klein's class write than Mr. Ned's class?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle key Numbers ☐

**Solve the Problem Using a Strategy**

**132 - 98 = 34 more stories**

Write an Equation  Label Your Answer

Lollipops?  Apples?

2 + 2 =

Books?  Puppies?

Flowers?  Pennies?

**34 + 98 = 132**

Check Your Work

Use Manipulatives   10   Fact Family

Try a new strategy   +   -   Draw a Picture

4   6

Do the problem over

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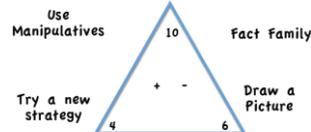
2. NBT.7- Add and subtract within 1,000
(comparing)

# Book Reading

Tommy read 676 books this year. Tiffany read 712 books this year. How many more books did Tommy read than Tiffany?
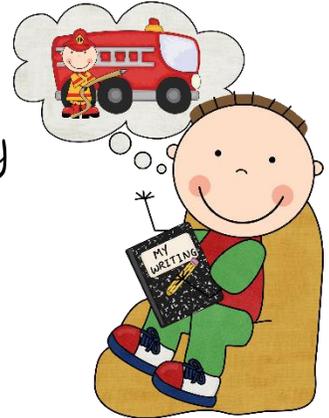
Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐
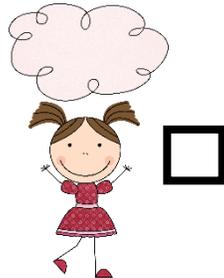
Underline Key Words & Circle Key Numbers ☐
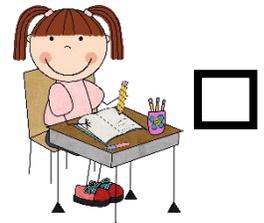
**Solve the Problem Using a Strategy**

_____ _____ = _____

**712 - 676 = 36 more books**

Write an Equation   Label Your Answer

Lollipops?   Apples?

2 + 2 =

Books?   Puppies?

Flowers?   Pennies?

**36 + 676 = 712**

Check Your Work
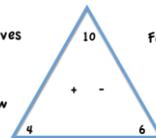
Use Manipulatives   Fact Family

10

Try a new strategy   + -   Draw a Picture

4   6

Do the problem over

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Name: _____ Date: _____

# Sight Word Study

Doug wrote his sight words 82 times on Monday and 108 times on Tuesday. How many more times did Doug write his sight words on Monday than Tuesday?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

## Solve the Problem Using a Strategy

_____ _____ = _____

**108 - 82 = 26 more times**

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

**26 + 82 = 108**

Check Your Work
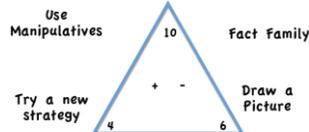
Use Manipulatives    10    Fact Family

Try a new strategy    4    +  -    6    Draw a Picture

Do the problem over

©Julie Bochese

Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(comparing)

# Crayon Boxes

Michelle's crayon box has 206 crayons in it. Zoe's crayon box has 124 crayons. How many more crayons are in Michelle's box than Zoe's?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
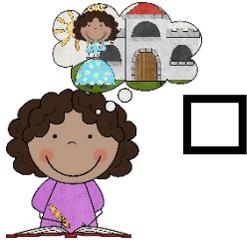
Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

_____ = _____

**206 - 124 = 82 more crayons**

Write an Equation

Label Your Answer

Lollipops?     Apples?

2 + 2 =

Books?     Puppies?

Flowers?     Pennies?

**82 + 124 = 206**

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy   +   -    Draw a Picture

4      6

Do the problem over

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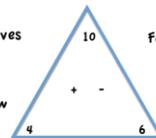
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(comparing)

# Bunch of Blocks

Rachel and Danielle are playing with blocks. There are 368 yellow blocks and 127 red blocks. How many more yellow blocks are there than red blocks?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐
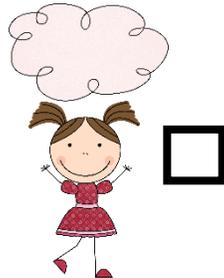
Underline Key Words & Circle Key Numbers ☐
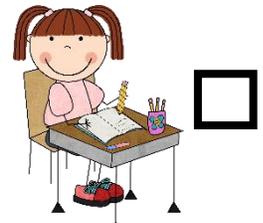
**Solve the Problem Using a Strategy**

**368 - 127 = 241 more yellow blocks**

Write an Equation    Label Your Answer

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

2 + 2 =

**241 + 127 = 368**

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    4    +  -    6    Draw a Picture

Do the problem over

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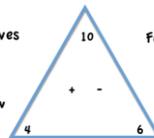
Name: _____ Date: _____

# Quiz: 2.NBT.7- Comparing

Solve each problem using the problem solving strategies.

1.  The San Diego zoo has 281 elephants and 149 zebras. How many more elephants do they have than zebras?

    **281 - 149 = 132 more elephants**

2.  Ken has 521 baseball cards. Tanya has 346 baseball cards. How many more baseball cards does Ken have than Tanya?

    **521 - 346 = 175 more basketball cards**

_____/2 Comparing

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# Missing Piece Problems

2.NBT.7 – Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts the hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

1. Picking Flowers

2. Candy Houses

3. Grapes are Great

4. Lots of Lions

5. Cupcakes for Sale

6. Apple Picking

7. Recess Time

8. Skateboarding

9. Quiz

Name: _____ Date: _____

# Picking Flowers

Cambria picked 215 flowers. She gave some to her mom. Now Cambria has 79 flowers. How many flowers did Cambria give to her mom?

Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

## Solve the Problem Using a Strategy

## Write an Equation    Label Your Answer

$$215 - 136 = 79$$
**136 flowers**

$2 + 2 =$

Lollipops?     Apples?

Books?     Puppies?

Flowers?     Pennies?

## Check Your Work

$$79 + 136 = 215$$

Use Manipulatives     10     Fact Family

Try a new strategy     + -     Draw a Picture

4     6

Do the problem over

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Name: _____ Date: _____

# Candy Houses

Mr. Tripp's class made some candy houses.
Mrs. Wiggin's class made 307 candy houses.
If both classes made 500 candy houses in all,
how many candy houses did Mr. Tripp's class make?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the
Problem

☐

Retell the Problem

☐

Underline Key
Words & Circle Key
Numbers

☐

**Solve the Problem
Using a Strategy**

_____  _____  =  _____

**193 + 307 = 500**
**193 houses**

Write an Equation  Label Your Answer

Lollipops?  Apples?

2 + 2 =

Books?  Puppies?

Flowers?  Pennies?

**500 - 307 = 193**

Check Your Work

Use
Manipulatives   10   Fact Family

+  -

Try a new
strategy   4      6   Draw a
Picture

Do the problem over

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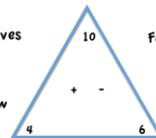
Name: _____  Date: _____

2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Grapes are Great

Tommy's mom gave him 734 grapes. Tommy ate some. He has 88 grapes left. How many grapes did Tommy eat?
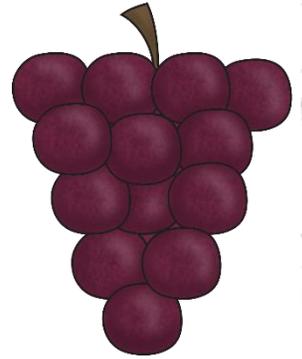
Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

### Solve the Problem Using a Strategy

### Write an Equation   Label Your Answer

**734 - 646 = 88**
**Tommy ate 646 grapes.**

2 + 2 =

Lollipops?   Apples?

Books?   Puppies?

Flowers?   Pennies?

### Check Your Work

**88 + 646 = 734**

Use Manipulatives   10   Fact Family

Try a new strategy   +   -   Draw a Picture

4   6

Do the problem over

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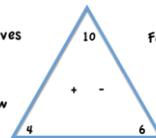
2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Lots of Lions

There are some lions roaming on the Savannah. There are 621 zebras. If the zoo has a total of 999 lions and zebras, how many lions do they have?

Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

## Solve the Problem Using a Strategy

## Write an Equation / Label Your Answer

$$378 + 621 = 999$$
**378 lions**

2 + 2 =

Lollipops? Apples? Books? Puppies? Flowers? Pennies?

## Check Your Work

$$999 - 621 = 378$$

Use Manipulatives   10   Fact Family

Try a new strategy   +  −   Draw a Picture

4   6
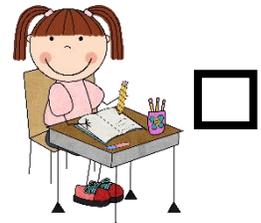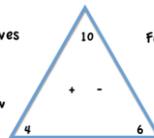
Do the problem over

2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Cupcakes for Sale

Suzy baked 286 cupcakes for a bake sale. She sold some of her cupcakes. Now Suzy has 97 cupcakes left. How many cupcakes did Suzy sell?

Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

### Solve the Problem Using a Strategy

### Write an Equation    Label Your Answer

**286 - 189 = 97**
**Suzy sold 189 cupcakes.**

Lollipops?   Apples?
2 + 2 =
Books?   Puppies?
Flowers?   Pennies?

**97 + 189 = 286**

### Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    + -    Draw a Picture

4         6

Do the problem over

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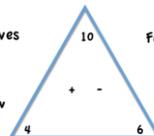
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Apple Picking

Jared picked some apples. His sister gave him 106 more. Now Jared has 228 apples. How many apples did Jared pick himself?
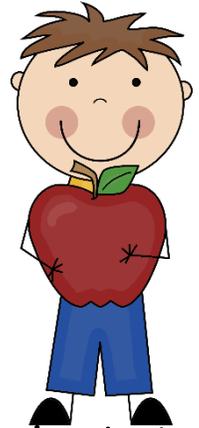
Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐
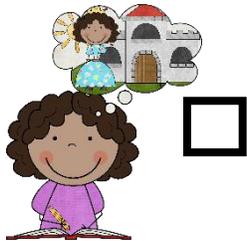
Underline Key Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

**Write an Equation**

=
_____
**122 + 106 = 228**
**Jared picked 122 apples.**

**Label Your Answer**

Lollipops?
Apples?
Books?
Puppies?
Flowers?
Pennies?

**228 - 106 = 122**

**Check Your Work**

Use Manipulatives
Fact Family
Try a new strategy
Draw a Picture
Do the problem over

10
+ -
4    6
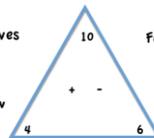
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Recess Time

There were 163 students outside at recess. Then, the 5th grade joined them. Now there are 312 students outside. How many students are in the 5th grade?
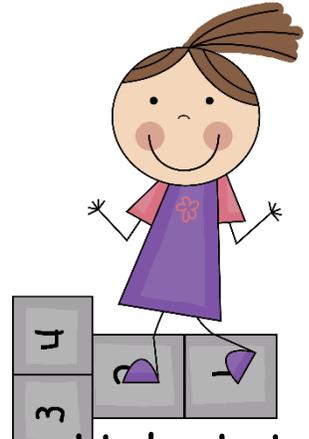
Follow the problem solving steps. Check the box after you have completed each step.

### Visualize the Problem
☐
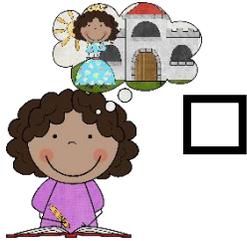
### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

## Solve the Problem Using a Strategy

Write an Equation

$$163 + 149 = 312$$
**149 5th graders**

Label Your Answer

Lollipops?  Apples?

Books?  Puppies?

Flowers?  Pennies?

$$312 - 149 = 163$$

## Check Your Work

Use Manipulatives   10   Fact Family

Try a new strategy   + −   Draw a Picture

4   6

Do the problem over

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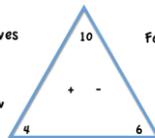
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(unknowns in all positions)

# Skateboard Fun

Jon skateboarded over the weekend. He skateboarded for some time on Saturday and for 482 minutes on Sunday. If Jon skateboarded for a total time of 926 minutes how long did he skateboard on Saturday?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
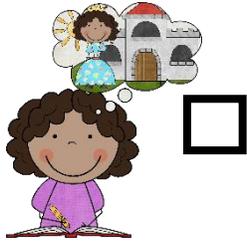
Retell the Problem ☐
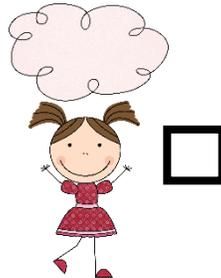
Underline Key Words & Circle Key Numbers ☐
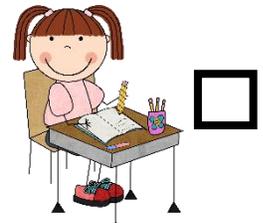
**Solve the Problem Using a Strategy**

**444 + 482 = 926**
**Jon skated for 444 minutes on Saturday.**

Write an Equation   Label Your Answer

Lollipops?   Apples?

2 + 2 =

Books?   Puppies?

Flowers?   Pennies?

**926 - 482 = 444**

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    + -    Draw a Picture

4    6
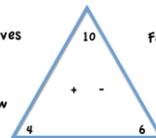
Do the problem over

Name: _____ Date: _____

# Quiz: 2.NBT.7 Unknowns

Solve each problem using the problem solving strategies.

1.  Scott scored 246 points for his basketball team in January and some points for his basketball team in February. If Scott scored a total of 492 points, how many points did he score in February?

**246 + 246 = 492**
**Scott scored 246 points in February.**

2.  Brittney had 694 cupcakes. She shared some with her friends. Now Brittney has 138 cupcakes. How many did Brittney share with her friends?

**694 - 556 = 138**
**Brittney shared 556 cupcakes.**

_____/2 Unknowns

# Two Step Story Problems

2.NBT.7 – Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts the hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

1. Flower Picking
2. Hat Collection
3. Friendly Visits
4. Reading Books
5. Queen of Hearts
6. Painting Roses
7. Flowers for Grandma
8. Treats for Red Riding Hood
9. Big Bad Wolf
10. Chopping Trees
11. Quiz

2. NBT.7- Add and subtract within 1,000
(two step)

# Flower Picking

Sara picked 241 daisies and 349 roses. How many flowers does Sara have in all?

By the end of the week 205 flowers died. How many flowers does Sara have left?

**Follow the problem solving steps. Check the box after you have completed each step.**

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

## Solve the Problem Using a Strategy

**Step 1: 241 + 349 = 590 flowers**
**Step 2: 590 - 205 = 385 flowers**

_____ _____ = _____

**Write an Equation**

2 + 2 =

**Label Your Answer**

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

## Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    + −    Draw a Picture

4    6

Do the problem over

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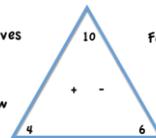
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(two step)                    Hat Collection

The Mad Hatter had a collection of 458 hats. Alice gave him 123 new hats. How many hats does the Mad Hatter have now?

The White Rabbit gave him 107 more hats. How many hats does the Mad Hatter have now?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐

<u>Underline Key</u> Words & Circle Key Numbers ☐

Solve the Problem Using a Strategy

**Step 1: 458 + 123 = 581 hats**
**Step 2: 581 + 107 = 688 hats**

___ ___ = ___

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?    Apples?

Books?    Puppies?

Flowers?    Pennies?

Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy    +  -    Draw a Picture

4    6

Do the problem over

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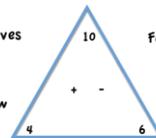
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(two step)

# Friendly Visits

The White Rabbit had 142 friends to visit last week and 135 friends to visit this week. How many friends did the White Rabbit have to visit in all?

78 of the White Rabbit's friends were not home. How many friends did the White Rabbit actually see?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐

Retell the Problem ☐

<u>Underline Key Words & Circle key Numbers</u> ☐

**Solve the Problem Using a Strategy**

**Step 1: 142 + 135 = 277 friends**
**Step 2: 277 - 78 = 199 friends**

_____ _____ = _____

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?   Apples?
Books?   Puppies?
Flowers?   Pennies?

**Check Your Work**

Use Manipulatives   10   Fact Family

Try a new strategy   + -   Draw a Picture
4   6

Do the problem over

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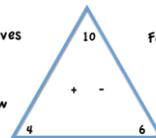
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(two step)

# Reading Books

Alice read 249 books in the summer and 329 books in the fall. How many books did Alice read in all?

In the winter Alice read 304 more books. How many books did Alice read altogether?

**Follow the problem solving steps. Check the box after you have completed each step.**

### Visualize the Problem
☐

### Retell the Problem
☐

### Underline Key Words & Circle Key Numbers
☐

### Solve the Problem Using a Strategy

**Step 1: 249 + 329 = 572 books**
**Step 2: 572 + 304 = 876 books**

_____ _____ = _____

Write an Equation Label Your Answer

Lollipops?     Apples?

2 + 2 =

Books?     Puppies?

Flowers?     Pennies?

### Check Your Work

Use Manipulatives    10    Fact Family

Try a new strategy   +   -   Draw a Picture

4       6

Do the problem over

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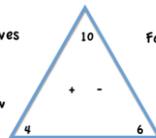
2. NBT.7- Add and subtract within 1,000
(two step)

# Queen of Hearts

The Queen of Hearts has 290 hearts. She gave 98 hearts to her servants. How many hearts does The Queen have now?

The Queen gave 103 more hearts away to her guests. How many hearts does she have now?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle Key Numbers ☐

## Solve the Problem Using a Strategy

**Step 1: 290 - 98 = 192 hearts**
**Step 2: 192 - 103 = 89 hearts**

_____ _____ = _____

Write an Equation

Label Your Answer
Lollipops? Apples?
Books? Puppies?
Flowers? Pennies?

Check Your Work
Use Manipulatives    10    Fact Family
Try a new strategy    + -    Draw a Picture
4    6
Do the problem over

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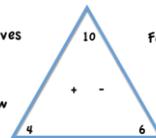
2. NBT.7- Add and subtract within 1,000
(two step)

# Painted Roses

The Queen's cards painted 173 roses on one tree, 119 on another, and 105 on another. How many roses did the Queen's cards paint in all?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐
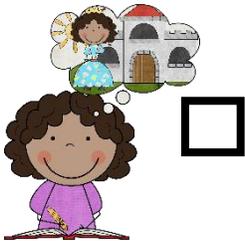
Retell the Problem ☐
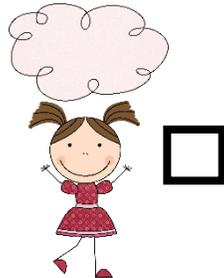
Underline Key Words & Circle key Numbers ☐
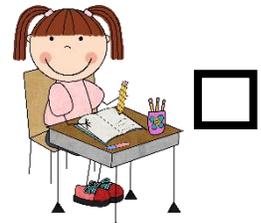
**Solve the Problem Using a Strategy**

**Step 1: 173 + 119 + 105 = 397**

_____ _____ = _____

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?  Apples?

Books?  Puppies?

Flowers?  Pennies?

**Check Your Work**

Use Manipulatives

10

Fact Family

Try a new strategy

+ -

4  6

Draw a Picture
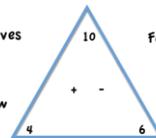
Do the problem over

2. NBT.7- Add and subtract within 1,000
(two step)

# Flowers for Grandma

Red Riding Hood picked 252 tulips and 127 daisies for her sick grandma. How many flowers did Red pick in all?

Red stopped to pick 218 violets for her sick grandma. How many flowers did Red Riding Hood pick now?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐

Retell the Problem ☐

<u>Underline Key</u> Words & Circle Key Numbers ☐

**Solve the Problem Using a Strategy**

**Step 1: 252 + 127 = 379 flowers**
**379 + 218 = 597 flowers**

_____ _____ = _____

Write an Equation

2 + 2 =

Label Your Answer

Lollipops? Apples?
Books? Puppies?
Flowers? Pennies?

**Check Your Work**

Use Manipulatives  10  Fact Family
Try a new strategy  +  -  Draw a Picture
4  6
Do the problem over

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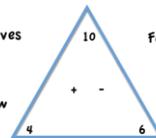
2. NBT.7- Add and subtract within 1,000
(two step)

# Treats for Red Riding Hood

Grandma baked 93 muffins, 156 cookies, and 52 rolls for Red Riding Hood. How many goodies did grandma bake in all?

**Follow the problem solving steps. Check the box after you have completed each step.**

Visualize the Problem ☐

Retell the Problem ☐

Underline Key Words & Circle key Numbers ☐

**Solve the Problem Using a Strategy**

**Step 1: 93 + 156 + 52 = 301 goodies**

_____ _____ = _____

**Write an Equation**

2 + 2 =

**Label Your Answer**

Lollipops?   Apples?
Books?   Puppies?
Flowers?   Pennies?

**Check Your Work**

Use Manipulatives   10   Fact Family

Try a new strategy   4   +   -   6   Draw a Picture

Do the problem over

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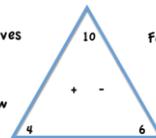
2. NBT.7- Add and subtract within 1,000
(two step)

# Big Bad Wolf

Last week The Big Bad Wolf ate 123 sheep and 136 pigs. How many animals did the Big Bad Wolf eat in all?

This week The Big Bad Wolf ate 122 animals. How many animals did The Big Bad Wolf eat in the past two weeks?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐
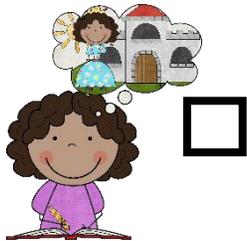
Retell the Problem ☐
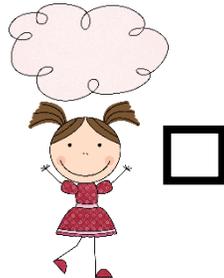
Underline Key Words & Circle Key Numbers ☐
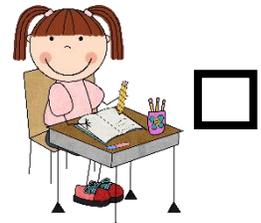
## Solve the Problem Using a Strategy

**Step 1: 123 + 136 = 259 animals**
**Step 2: 259 + 122 = 381 animals**

_____ _____ = _____

Write an Equation

2 + 2 =

Label Your Answer

Lollipops?     Apples?

Books?     Puppies?

Flowers?     Pennies?

Check Your Work

Use Manipulatives     10     Fact Family

Try a new strategy     + -     Draw a Picture

4     6

Do the problem over

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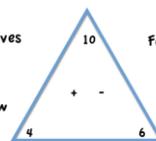
Name: _____ Date: _____

2. NBT.7- Add and subtract within 1,000
(two step)

# Chopping Trees

The Woodsman chopped down 232 trees in Brier Forest and 254 trees in Enchanted Forest. How many trees did the Woodsman chop down in both forests?

The Woodsman also chopped down 106 trees in No Return Forest. How many tress did the Woodsman chop down in all?

Follow the problem solving steps. Check the box after you have completed each step.

Visualize the Problem ☐

Retell the Problem ☐
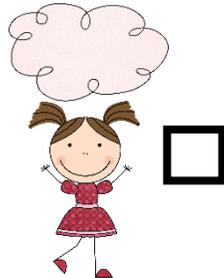
Underline Key Words & Circle Key Numbers ☐
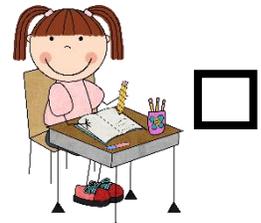
**Solve the Problem Using a Strategy**

**Step 1: 232 + 254 = 486 trees**
**Step 2: 486 + 106 = 592 trees**

_____ _____ = _____

Write an Equation

Label Your Answer

Lollipops?      Apples?
Books?          Puppies?
Flowers?        Pennies?

2 + 2 =

Check Your Work

Use Manipulatives          10          Fact Family
Try a new strategy      +    -          Draw a Picture
4          6
Do the problem over
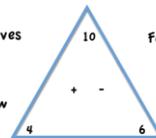
# Quiz: NBT.7- 2 Step Story Problems

Solve each problem using the problem solving strategies.

1. This week the students at Kennedy Elementary ate 133 bananas and 238 apples. How many fruits did the students at Kennedy Elementary eat in all?

The students also ate 97 pears. How many pieces of fruit did Manny eat now?

**Step 1: 133 + 238 = 371 fruits**
**Step 2: 371 + 97 = 468 fruits**

2. Crystal had a collection of 893 stickers. She gave 328 to her friend. How many stickers does Crystal have now?

Crystal bought 365 more stickers. How many stickers does Crystal have now?

**Step 1: 893 - 328 = 565 stickers**
**Step 2: 565 + 365 = 930**

_____/2 2 Step Story Problems

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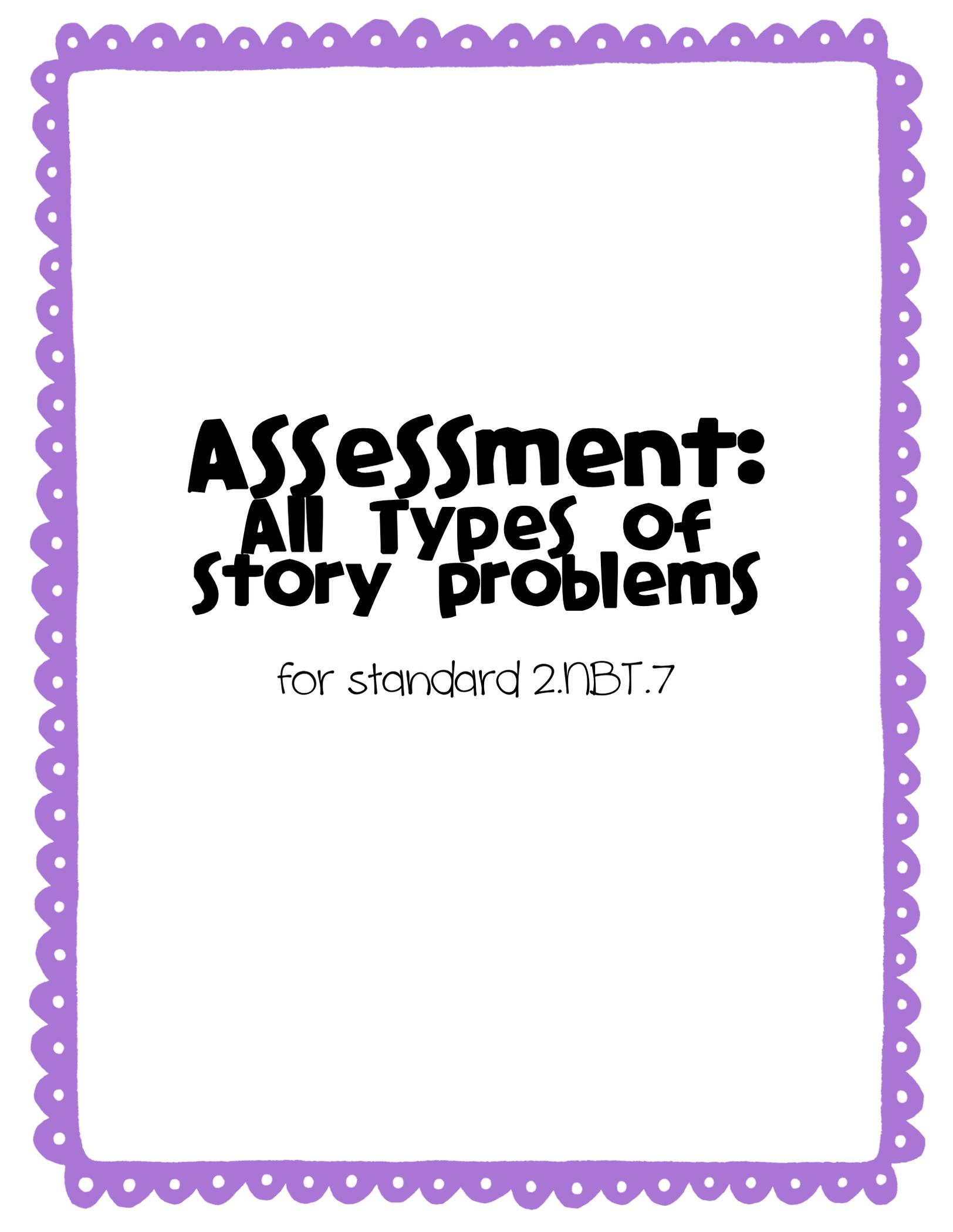
# Assessment:
## All Types of
## Story problems

for standard 2.NBT.7

# Test: 2.NBT.7

Solve each problem using the problem solving strategies.

1.    Annie collected 346 pennies. Her sister gave her 238 more. How many pennies does Annie have now?

**346 + 238 = 584 pennies**

2.    Sandy collected 182 shells at the beach. She gave 95 to her mom. How many shells does Sandy have left?

**182 - 955 = 87 shells**

_____/2 Adding to , Taking From

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3. Shania and Awar were both tired. Shania took a nap for 138 minutes. Awar took a nap for 149 minutes. How many minutes did they nap in all?

**138 + 149 = 287 minutes**

4. The second grade has 404 students. If 178 students are boys, how many students are girls?

**404 - 178 = 226 students**

_____/2 Putting Together, Taking Apart

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5. David read 594 books this year. Ben read 478 books this year. How many more books did David read than Ben?

**Step 1: 594 - 478 = 116 books**

6. Lizzy planted 765 flowers. Her mom planted 137 flowers. How many more flowers did Lizzy plant than her mom?

**765 - 137 = 628 flowers**

_____/2 Comparing

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7. Joshua had 682 baseball cards. His dad gave him more for his birthday. Now Joshua has 731 baseball cards. How many cards did his dad give him?

**682 + _____ = 731**

**731 - 682 = 49 cards**

8. Kimmy had 496 pieces of candy. She ate some for lunch. Kimmy has 458 pieces left. How many pieces did Kimmy eat for lunch?

**496 - _____ = 458**
**496 - 458 = 38 pieces of candy**

_____/2 Unknowns

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**9.** Corey read for 136 minutes on Monday and 135 minutes on Tuesday. How many minutes did Corey read in all?

Corey read for 121 more minutes on Wednesday. How many minutes did Corey read all together?

**Step 1: 136 + 135 = 271 minutes**
**Step 2: 271 + 121 = 392 minutes**

**10.** Katie has a collection of 772 stickers. She gave 243 to her little sister. How many stickers does Katie have now?

Katie bought 128 more stickers. How many stickers does Katie have now?

**Step 1: 772 - 243 = 529 stickers**
**Step 2: 529 + 128 = 657 stickers**

_____/2 2 step story problems

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# Credits