

Name: _____ Period: _____ Date: _____

Solving Multi-Step Addition and Subtraction Word Problems

Guided Notes- SE

Math 4

Let's review our addition and subtraction action words!

Addition	Subtraction
	More than
And	Decrease
Both	Remain
Altogether	

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Let's practice identifying our "unknown"!

Example:

A number minus seven equals one.

What part of that sentence don't we know?

"A number"

Let's say "A number" = X

Okay, now let's write out our equation:

Example 2:

Nine minus one equals a number.

What part of that sentence don't we know?

"a number"

Let's say "a number" = N

Okay, now let's write out our equation:

Example 3: A number minus ten equals one hundred

Let's say "a number" = B

Okay, now let's write out our equation:

How would you solve that equation?

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Example 4: Ten plus a number equals ninety

Let's say "A number" = C

Okay, now let's write out our equation:

How would you solve that equation?

Practice Word Problems

1. Bryon decorated 54 chocolate sprinkle donuts at the bakery with his grandfather. He decorated 75 sugar cookies. Then he decorates 89 vanilla cupcakes. How many delicious treats did Bryon decorate altogether for the bakery?

What is our problem asking us to solve for?
(What is our unknown?)

What should we name our "unknown"?

Write a number sentence.

Answer

How did you solve the problem?

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<p><u>Round each number to the nearest ten and solve. Show your work here.</u></p>	<p><u>Is your answer reasonable?</u></p>
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2. Caitlin and Kyle are putting two puzzles together. Caitlin's puzzle has 462 pieces to put it together. Kyle's puzzle has 1635 puzzle pieces to complete it. They are missing 231 pieces to both of those puzzles. How many pieces do they have altogether?

What is our problem asking us to solve for?
(What is our unknown?)

<p><u>What should we name our "unknown"?</u></p>	<p><u>Write a number sentence.</u></p>
<p><u>Answer</u></p>	<p><u>How did you solve the problem?</u></p>

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Round each number to the nearest ten and solve. Show your work here.

Is your answer reasonable?