

MATH INTERACTIVE

NOTEBOOK

MATH INTERACTIVE JOURNAL

STORY PROBLEMS

2.OA.A.1



2ND GRADE

Date: _____
is a new student in your class. Write a letter to them using the pictures explaining how to solve a story problem using the story problem process.

frustrated with confusing story problems? If you follow these simple story problem solving will be a breeze.

1. First

2. Next

Then

PROBLEM SOLVING STEPS

VISUALIZE THE PROBLEM
What does this mean?



WRITING AN EQUATION
What does this mean?



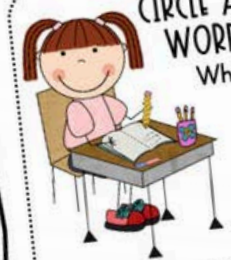
RETELL THE PROBLEM
What does this mean?



PICK A PROBLEM SOLVING STRATEGY
What does this mean?



CIRCLE AND UNDERLINE KEY WORDS AND NUMBERS
What does this mean?



LABEL YOUR ANSWER
What does this mean?



DETERMINE WHAT TYPE OF PROBLEM



I can 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.

They baked 92 chocolate cupcakes and 85 vanilla cupcakes. How many more chocolate cupcakes did Brittney bake than vanilla cupcakes?

1.

2.

5.

5.

6.

Print and Go: Low Prep Interactive Journal

ADDING TO
You start with _____ and more gets added.

Key Words:

ADDING TO STORY PROBLEM
Date: _____
Write your own: _____

1. 2. 3. 4. 5. 6. 7. 8. ©Julie Boches

Types of Story Problems: Cut out story problem strips and place them in the correct pocket.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

11. _____
12. _____
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49. _____
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58. _____
59. _____
60. _____

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62. _____
63. _____
64. _____
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66. _____
67. _____
68. _____
69. _____
70. _____


71. _____
72. _____
73. _____
74. _____
75. _____
76. _____
77. _____
78. _____
79. _____
80. _____

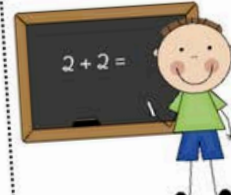
81. _____
82. _____
83. _____
84. _____
85. _____
86. _____
87. _____
88. _____
89. _____
90. _____


91. _____
92. _____
93. _____
94. _____
95. _____
96. _____
97. _____
98. _____
99. _____
100. _____


VISUALS AND ANCHOR CHARTS TO INTRODUCE TOPICS

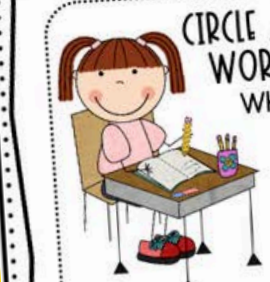
PROBLEM SOLVING STEPS


- 

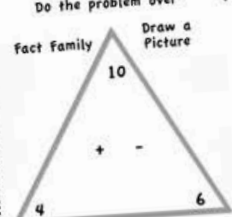
1. VISUALIZE THE PROBLEM
What does this mean?
- 

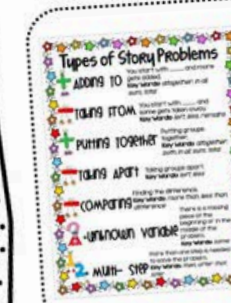
5. WRITING AN EQUATION
What does this mean?
- 

2. RETELL THE PROBLEM
What does this mean?
- 

6. PICK A PROBLEM SOLVING STRATEGY
What does this mean?
- 

3. CIRCLE AND UNDERLINE KEY WORDS AND NUMBERS
What does this mean?
- 


7. LABEL YOUR ANSWER
What does this mean?
- 


8. CHECK YOUR WORK
What does this mean?
Use Manipulatives Try a new strategy
Do the problem over Draw a Picture
Fact Family
- 


4. DETERMINE WHAT TYPE OF PROBLEM
What does this mean?

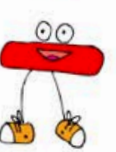
©Julie Bechese


TYPES OF STORY PROBLEMS


- 


ADDING TO
You start with _____ and more gets added.
Key Words: altogether, in all, sum, total
- 

TAKING FROM
You start with _____ and some gets taken away.
Key Words: left, less, remains
- 

PUTTING TOGETHER
Putting groups together.
Key Words: altogether, both, in all, sum, total
- 

TAKING APART
Taking groups apart.
Key Words: left, less
- 

COMPARING
Finding the difference.
Key Words: more than, less than, difference
- 

UNKNOWN VARIABLE
There is a missing piece at the beginning or in the middle of the problem.
Key Words: some
- 

MULTI-STEP
More than one step is needed to solve the problem.
Key Words: then, after that, later

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Standards Aligned: Pages for each standard



1 2 MULTI STEP

More than one step is needed to solve the problem.

$$\begin{aligned} 1+1= \\ 2+1= \\ 4+2= \end{aligned}$$

Key Words:

COMPARING

Finding the difference between two things.

How many more apples are there than bananas?

TAKING APART

Taking groups apart.

Key Words:

PUTTING TOGETHER

putting groups together.

+ ADDING TO

You start with _____ and more gets added.

Key Words:

TAKING FROM

You start with _____ and some gets taken away.

? UNKNOWN VARIABLE

There is a missing piece at the beginning or in the middle of the problem.

Key Words:

Exit Tickets for Every Standard

2.OA.A.1- STORY PROBLEM GLOSSARY

write the definition of each vocabulary word

adding to

comparing

decomposing

efficient

multi-step

put together

standard algorithm

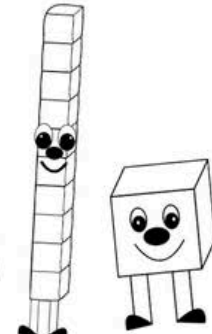
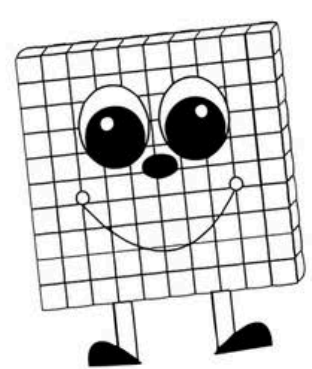
taking apart

working from

using a variable

WAYS TO SOLVE STORY PROBLEMS

Label each problem solving strategy.



← []



[] →

$$\begin{array}{r} 356 \\ + 423 \\ \hline 779 \end{array}$$

[] ←



[] →

$$356 + 423 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 300 \\ + 400 \\ \hline 700 \end{array} \quad \begin{array}{r} +50 \\ +20 \\ +70 \end{array} \quad \begin{array}{r} +6 \\ +3 \\ +9 \end{array} = 779$$

← []

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WAYS TO SOLVE STORY PROBLEMS

What are the most efficient problem solving strategies?

STRATEGY	IS IT ACCURATE?	IS IT TIMELY?	IS IT EFFICIENT? Y OR N
Counting on Fingers			
Using Manipulatives			
Drawing a Picture			
Decomposing Numbers			
Standard Algorithm			



FUN, PRINTABLE ACTIVITIES

Date: _____

ADDING TO STORY PROBLEM

Write your own:

1. 

2. 

3. 

4. 







Date: _____

There is a new student in your class. Write a letter below, explaining how to solve a story problem using the steps, story problem solving will be a breeze.

Dear _____,

Are you frustrated with confusing story problems? Don't worry, story problem solving will be a breeze.

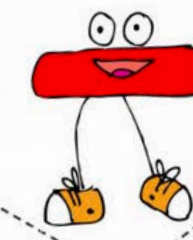
1. First

2. Next


3. Then

4. Finally

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Comparing Story Problems

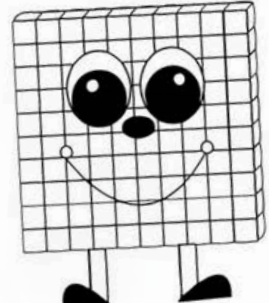
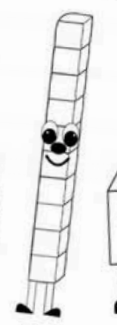
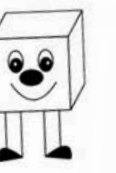



Known Variable Story Problems

Date: _____


WAYS TO SOLVE STORY PROBLEMS


Label each problem solving strategy.



$$\begin{array}{r} 356 \\ +423 \\ \hline 779 \end{array}$$





$$356 + 423 = \underline{\hspace{2cm}}$$

300	+50	+6	← <div style="border: 1px dashed black; width: 50px; height: 20px; display: inline-block;"></div>
+400	+20	+3	
<u>700</u>	<u>+70</u>	<u>+9</u>	

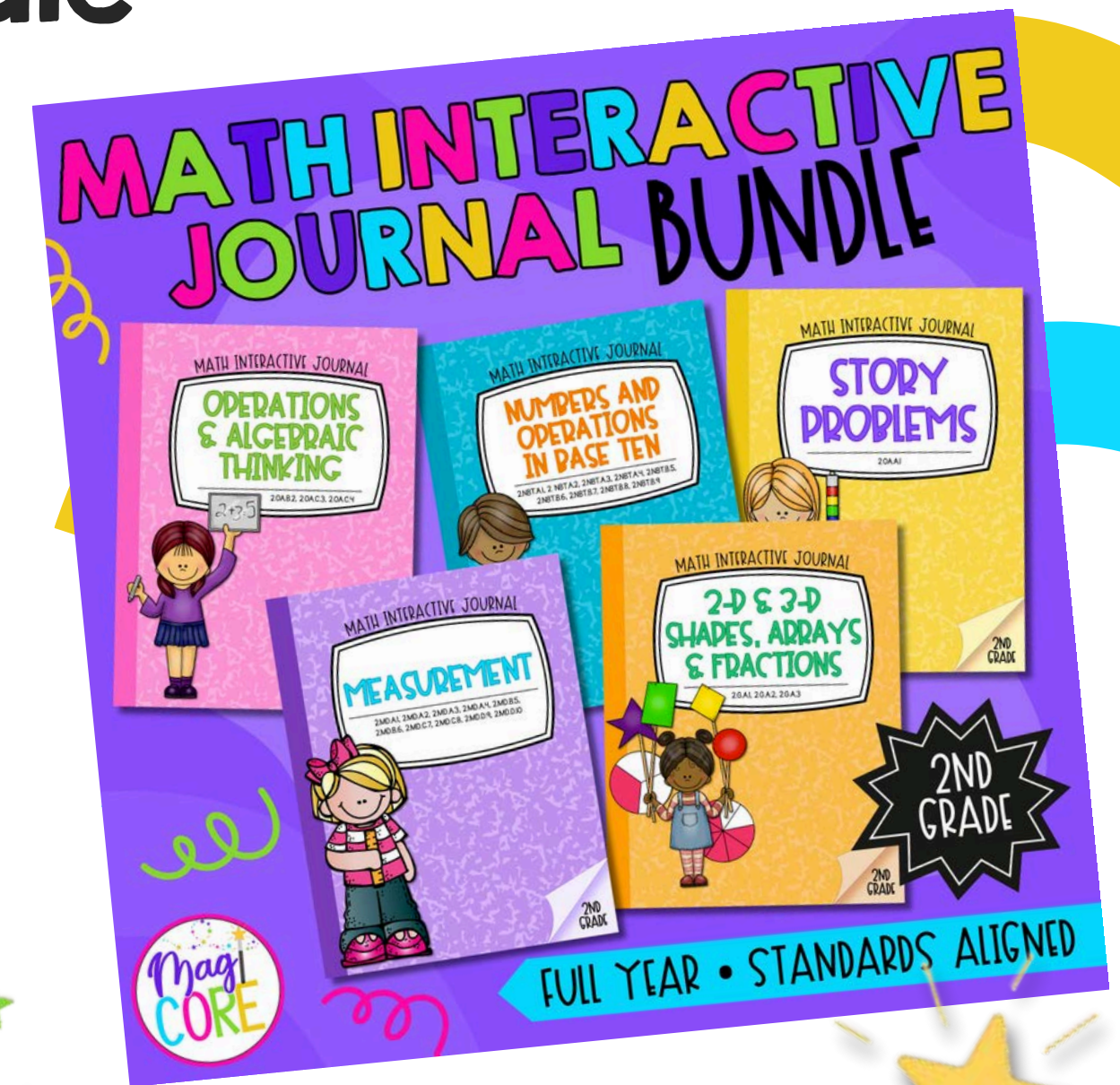
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WANT THE WHOLE SET?

Save and Bundle

"I used this resource with my students to provide a visual of what we have learned. It was helpful because I could refer back to a certain section for review if needed. Thank you!" - KC, Elementary Teacher

- Visuals, anchor charts, and practice for all math skills
- Build and use as a reference tool all year!



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