

Second Grade Unit 4: Multi-digit Addition and Subtraction
Real World Experience
Teacher's Notes

Students can present their learning of addition and subtraction strategies in a variety of ways. Below are resources to help with different types of presentations.

- Students can write a non-fiction book explaining various multi-digit addition and subtraction strategies. Here is a blog post that could be helpful in planning and understanding what a *possible* finished product could look like. <http://www.myprimaryparadise.com/2014/04/13/2nd-grade-informational-writing-books-lucy-calkins/>
- Possible template for How-To-Book https://drive.google.com/file/d/0B8Vtd4jIU_2DVkdENi1ubTA4WGc/view?pref=2&pli=1
- create a poster(s) to present strategies
- Screencastify Chrome extension on the Chromebooks
- Explain Everything is an app on the iPad that students draw/write their thinking and they voice over an explanation
- I-Book is an app on the iPad
- <http://web.seesaw.me/> a digital portfolio
- Google Slides
- Anie template (attached: See Rachel for further explanation if needed)
- free choice approved by your teacher

See the instructional coaches, LRC directors, and/or math specialist for help if needed.

Name _____

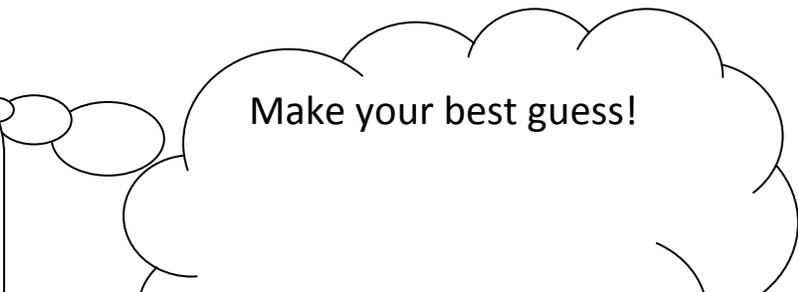
Second Grade Unit 4: Multi-digit Addition and Subtraction Real World Experience

Meeting	<p><i>Presentation includes:</i></p> <p>Addition strategy #1</p> <ul style="list-style-type: none">• An addition math story with double or triple digit addends.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy. <p>Addition strategy #2</p> <ul style="list-style-type: none">• An addition math story with double or triple digit addends.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy. <p>Addition strategy #3</p> <ul style="list-style-type: none">• An addition math story with double or triple digit addends.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy. <p>Subtraction strategy #1</p> <ul style="list-style-type: none">• A subtraction math story with double or triple digit minuend and subtrahend.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy. <p>Subtraction strategy #2</p> <ul style="list-style-type: none">• A subtraction math story with double or triple digit minuend and subtrahend.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy. <p>Subtraction strategy #3</p> <ul style="list-style-type: none">• A subtraction math story with double or triple digit minuend and subtrahend.• Solution to math story using a strategy. (a graphic showing the strategy)• Explanation how to use the strategy.
Developing	<p><i>Presentation includes:</i></p> <p>One or two strategy presentations incomplete of the six required</p> <p>One or two strategy presentations inaccurate of the six required</p>
Beginning	<p><i>Presentation includes:</i></p> <p>Less than four complete strategy presentations</p> <p>Less than four accurate strategy presentations</p>
Notes	

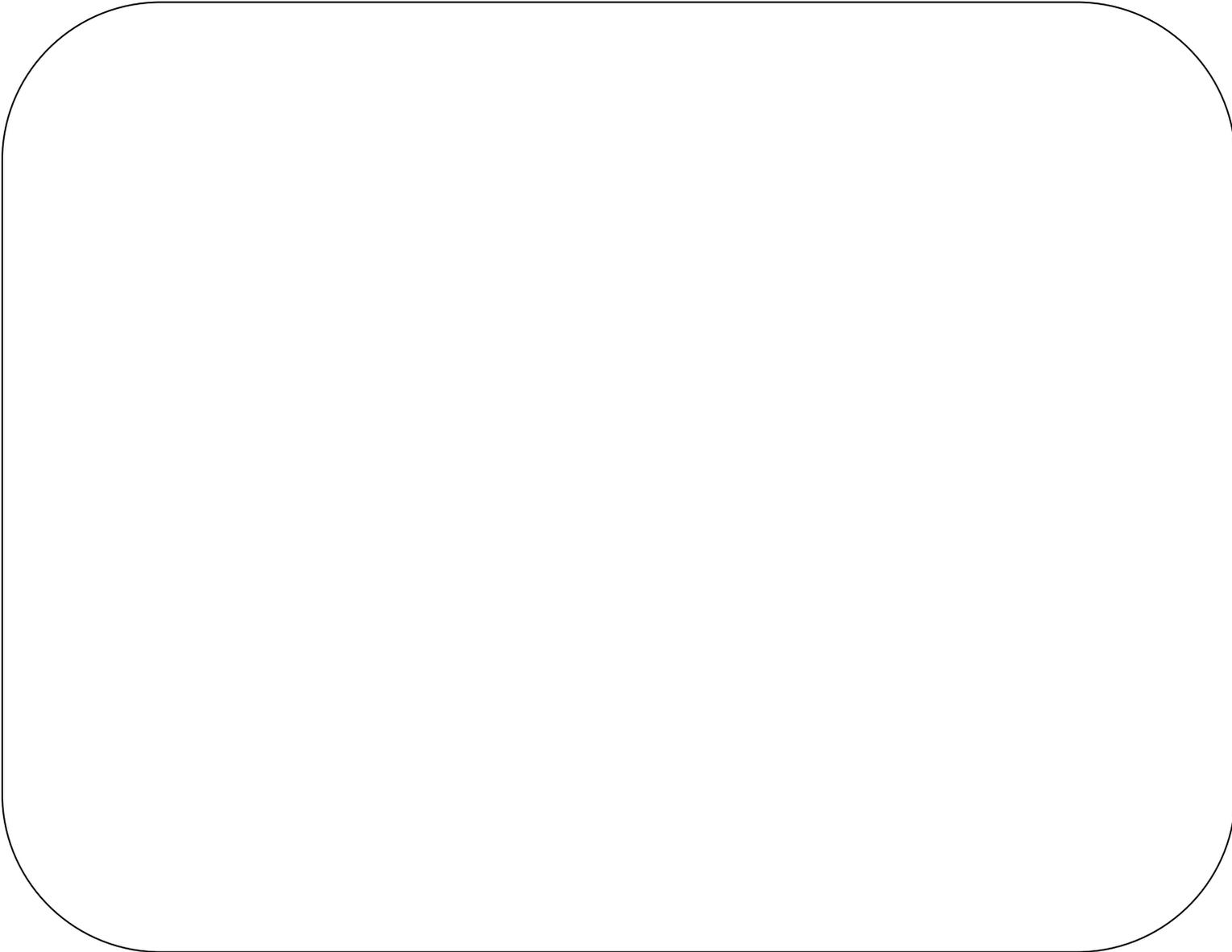
Name: _____

Date: _____

Number Sentence:



Show how to solve the number sentence using a strategy.



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Explain the strategy using words.

Second Grade Unit 4: Multi-digit Addition and Subtraction

Real World Experience

Share what you know! To prepare for a Family Math Night, second graders need to explain the various strategies they use to add and subtract multi-digit numbers. You will develop a presentation to explain and provide examples of several strategies and when to use the various strategies.

Remember what you learned in writers' workshop about writing a lab report and non-fiction writing in general. Choose a way to display your mathematical knowledge.

Options:

- write an addition and subtraction How-To Book
- create a poster to present your learning
- use an app like Explain Everything
- create a book in I-Book
- use a digital portfolio like <http://web.seesaw.me/>
- create a presentation in Google Slides
- Anie template
- another way of your choice approved by your teacher

Task 1: Brainstorm and draft a section of your presentation

- Create an addition math story with double or triple digit addends.
- Choose an addition strategy to use to solve the math story.
- Solve the math story using this strategy. (create a graphic showing the strategy)
- Explain (in writing/orally) how to use the strategy.

Task 2: Repeat Task 1 for other addition strategies.

Task 3: Repeat Task 1 for other addition strategies.

Task 4: Brainstorm and draft a section of your presentation

- Create a subtraction math story with double or triple digit minuend and subtrahend.
- Choose a subtraction strategy to use to solve the math story.
- Solve the math story using this strategy. (create a graphic showing the strategy)
- Explain (in writing/orally) how to use the strategy.

Task 5: Repeat Task 3 for other subtraction strategies

Task 6: Repeat Task 3 for other subtraction strategies