



Resource #1

Dino Bites

- **Isolate regrouping to practice this concept** before going through the entire subtraction process
- Students use Base-10 Blocks to regroup
- Describe regrouping in words and connect it to the traditional subtraction algorithm
- 10 student slides

Get Ready for 2-Digit Subtraction with Regrouping

The Foundation for Success

Interactive Google Slides

Introductory Activity

Beginning Practice

Continued Practice

Assessment

Take a peek inside!

EXAMPLE

1 Regroup 1 ten as 10 ones.

Tens	Ones
1 ten	3 ones

Place a ten here, to REGROUP and trade for 10 ones.

2 Record your regrouping with words.

3 tens and 3 ones is equal to 2 tens and 13 ones.

Check

3 Record your regrouping with digits.

tens	ones
2	13

3 3

GET READY FOR SUBTRACTION

1

Tens	Ones
8 tens	2 ones

Place a ten here, to REGROUP and trade for 10 ones.

2 Record your regrouping with words.

8 tens and 2 ones is equal to 7 tens and 12 ones.

7 tens and 12 ones

Check

3 Record your regrouping with digits.

tens	ones
7	12

8 2



Resource #2

Bury Your Treasure

- 2-digit subtraction with regrouping practice
- **Hands-on practice with Base-10 Blocks** that connects to the traditional algorithm
- Self-Checking slide away boxes on every slide to build confidence
- 10 student slides

Introducing the Concept

2-Digit Subtraction with Regrouping

Bury Your Treasure

Interactive Google Slides

Introductory Activity

Beginning Practice

Continued Practice

Assessment

Take a peek inside!

HANDS ON SUBTRACTION EXAMPLE

Place a ten here, to REGROUP and trade for 10 ones.

Check

HANDS ON SUBTRACTION

Place a ten here, to REGROUP and trade for 10 ones.

Check



Resource #3

My Lemonade Stand

- Designed like Bury Your Treasure, for **students who need more hands-on practice**
- Hands-on practice with Base-10 Blocks that connects to the traditional algorithm
- Self-checking to build confidence
- 10 student slides

Introducing the Concept

2-Digit Subtraction with Regrouping

Using Movable Base Ten Blocks

Interactive Google Slides

Introductory Activity

Beginning Practice

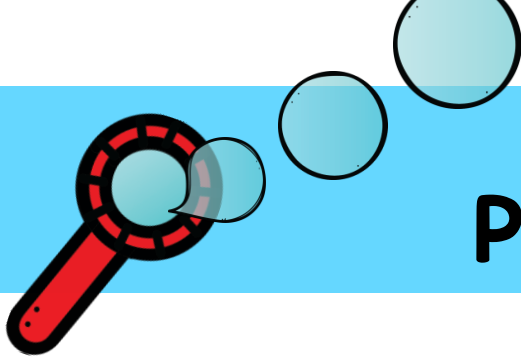
Continued Practice

Assessment

Take a peek inside!

HANDS ON SUBTRACTION EXAMPLE

HANDS ON SUBTRACTION



Resource #4

Popping Bubbles

- Optional slide away hint boxes to **give regrouping support**
- Students can slowly work towards not using reminders at their own pace
- Limited answer choice to build confidence
- Students use the cactus to “pop” the wrong answer
- 10 student slides

Supported Practice

2-Digit Subtraction
with **Regrouping**

Popping Bubbles

Interactive Google Slides

Introductory
Activity

**Beginning
Practice**

Continued
Practice

Extension
Activities

Take a
peek
inside!

SUBTRACTION PRACTICE

Hint 1 Hint 2

SUBTRACTION PRACTICE

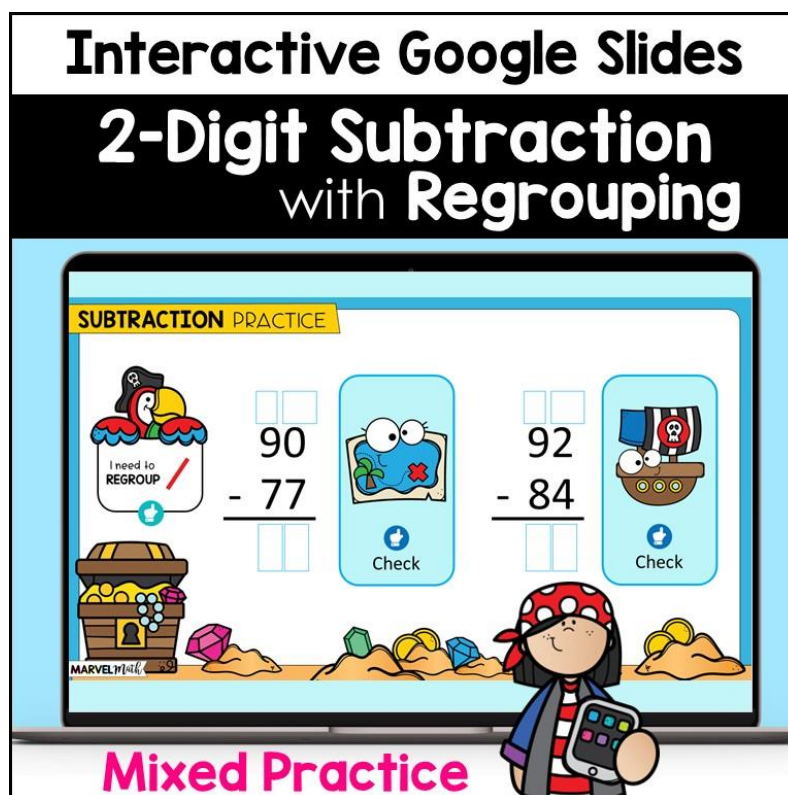
POP!



Resource #5

Pirate Practice

- 3-digit subtraction with regrouping practice
- 10 Self-Checking problems
- 5 Multiple Choice problems
- 10 total student slides



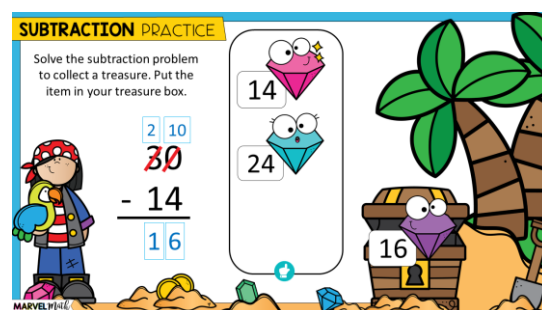
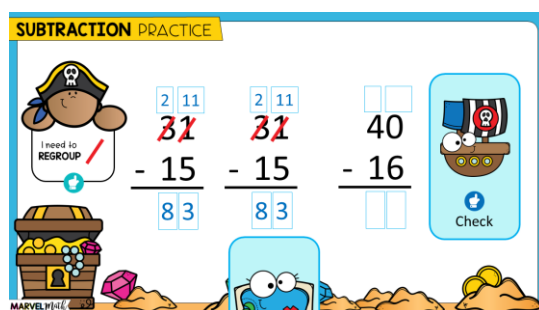
Introductory
Activity

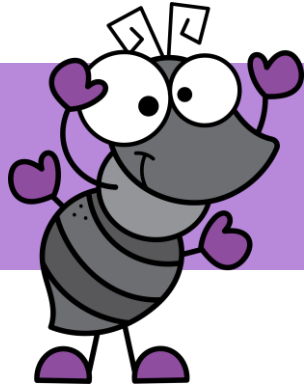
**Beginning
Practice**

Continued
Practice

Extension
Activities

Take a
peek
inside!





Resource #6

Picnic at the Park

- Math facts practice with the actual facts needed to solve all other problems
- Solve Subtraction problems to feed the ants at the picnic
- 5 picnic themed word problems
- 10 total student slides

Engaging Practice

2-Digit Subtraction

with Regrouping

Interactive Google Slides

Introductory
Activity

Beginning
Practice

Continued
Practice

Extension
Activities

Take a
peek
inside!

MATH FACTS WARMUP Solve each problem below. Then drag down the rectangle to check your work.

$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$

Check

SUBTRACTION PRACTICE Move the circles around the important information in the problem. Solve the problem and complete the sentence to answer the question.

There are 50 people at a park. 23 people leave the park. How many people are at the park now?

There are people at the park now.



Resource #7

Digital Coloring Pages

- 2-digit subtraction with regrouping practice
- 3 pictures to color digitally with 10 problems each
- Fun Self-Checking Practice
- Designed to be used in Google Forms

Self-Checking Google Forms

2-Digit Subtraction with Regrouping



Digital Color by Code

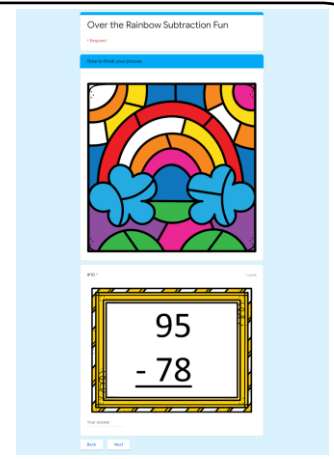
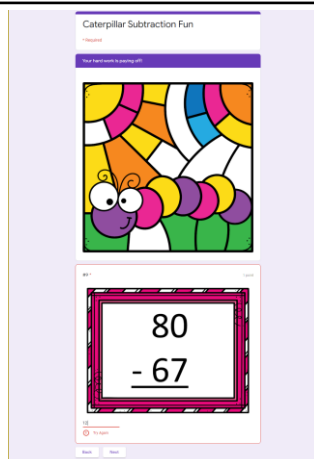
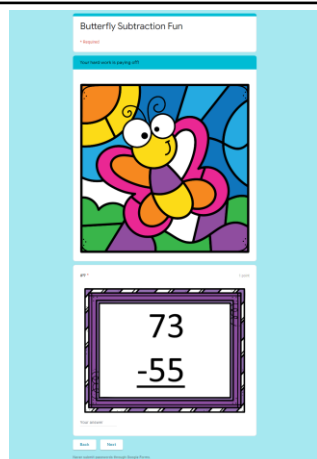
Introductory
Activity

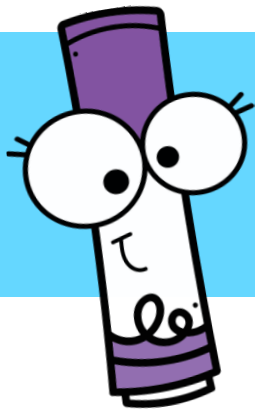
Beginning
Practice

Continued
Practice

Extension
Activities

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Resource #8

Subtraction at School: Word Problems

- 2-digit subtraction with regrouping practice
- 10 word problems
- Students circle important information and then

2-Digit Subtraction with Regrouping Word Problems

WORD PROBLEMS Move the circles around the important information in the problem. Solve the problem and complete the sentence to answer the question.

Gia had 50 pencils. She gave 26 pencils away to friends. How many pencils does she have now?

$$\begin{array}{r} 4 \ 10 \\ - 2 \ 6 \\ \hline 2 \ 4 \end{array}$$

Gia has 24 pencils now.

Interactive Google Slides

Introductory
Activity

Beginning
Practice

Continued
Practice

Extension
Activities

Take a
peek
inside!

WORD PROBLEMS Move the circles around the important information in the problem. Solve the problem and complete the sentence to answer the question.

A class had 30 bottles of glue. They gave 12 bottles to another class. How many bottles of glue do they have left?

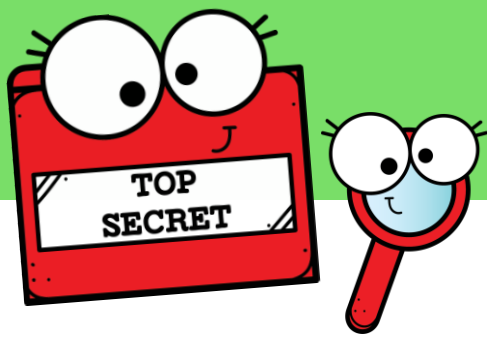
$$\begin{array}{r} 2 \ 10 \\ - 1 \ 2 \\ \hline 1 \ 8 \end{array}$$

The class has 18 bottles of glue left.

WORD PROBLEMS Move the circles around the important information in the problem. Solve the problem and complete the sentence to answer the question.

Gia had 50 pencils. She gave 26 pencils away to friends. How many pencils does she have now?

Gia has pencils now.



Resource #9

Subtraction Secret

- Discovery based activity
- Students search for a pattern to connect addition to subtraction
- Students apply the pattern to identify missing numbers in addition problems
- 11 student slides

Interactive Google Slides

2-Digit Subtraction with Regrouping

Relationship Between Addition & Subtraction

Introductory
Activity

Beginning
Practice

Continued
Practice

Extension
Activities

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ANALYZING PATTERNS



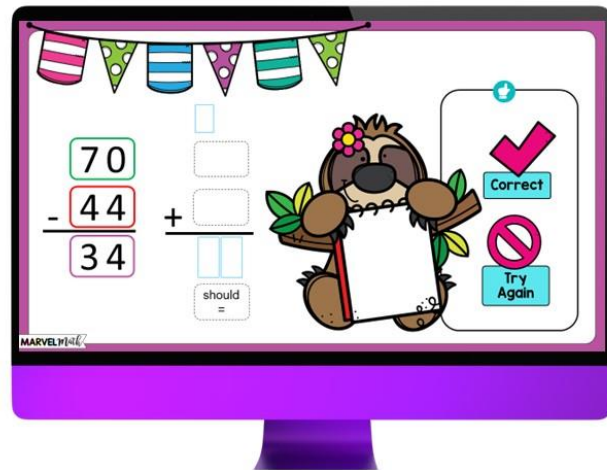
Resource #10

Check My Work

- 2-digit addition with regrouping practice to identify subtraction success or errors
- Students use strip diagrams to understand the relationship between addition and subtraction
- 10 student slides

Using Addition to Check Subtraction

2-Digit Subtraction with Regrouping



Interactive Google Slides

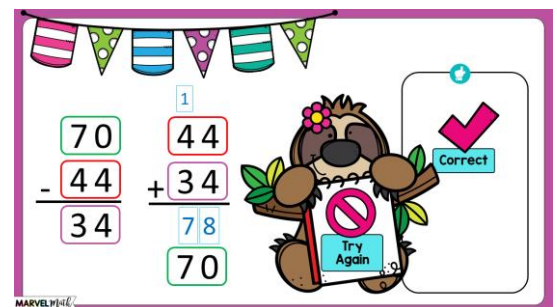
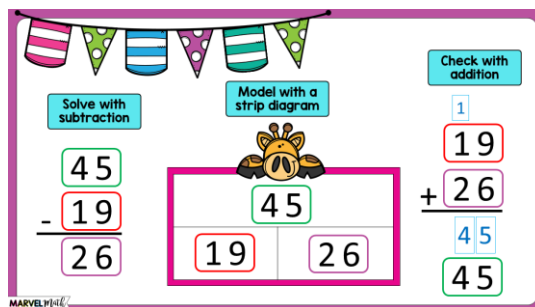
Introductory
Activity

Beginning
Practice

Continued
Practice

Extension
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Resource #11

Quick Checks

Quick Checks #1 - #4

Subtraction with
Regrouping Practice

Quick Check #5

Subtraction with
Regrouping Word Problems

- Each Quick Check has 5 problems
- This resource includes a total of 25 problems
- Self-Grading Google Forms

Interactive Google Slides

2-Digit Subtraction with Regrouping



Ongoing Assessment

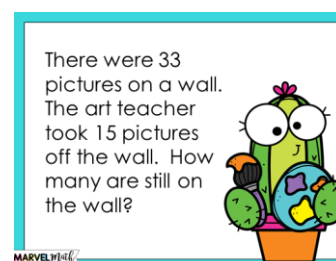
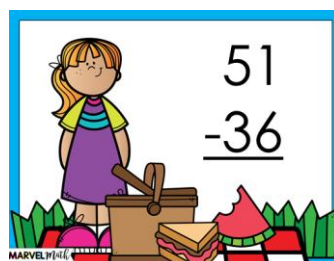
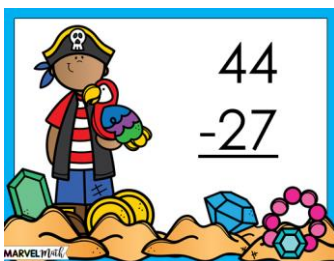
Introductory
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About the Author



Melissa Johnson is the curriculum author behind the resources at Marvel Math. Her 16 years of k-10 teaching experience give her a deep understanding of the spectrum of mathematics from kindergarten through Algebra. She has a great passion for how children learn mathematics and how teachers can be supported in delivering high quality mathematics instruction.

She earned a Master's Degree in Mathematics Education from Fresno Pacific University. All of her professors were curriculum authors for AIMS, a curriculum group focused on teaching conceptual math and science lessons in a hands-on, engaging format. The principles of instructional design she learned became the foundation for the resources she creates.

Midway through her teaching career she was brought on by a high school to teach Algebra to students who had failed that class once or twice before. She gained insight into the most critical elementary content that students had not previously mastered that was keeping them from success in Algebra. This insight is embedded into the curricular units she writes.

Melissa also had the opportunity to work for the California Math Project. She traveled throughout the state of California designing and delivering professional development series. Some of her long-term projects involved Algebraic Reasoning, Teaching Mathematics to English Language Learners, and Balancing Concept Development, Procedural Fluency and Problem Solving in the classroom.

After moving to Texas, Melissa worked as the Math Staff Developer at her children's elementary school. When her children moved onto middle school she began creating math resources full time for Marvel Math. Her resources are built around the Texas TEKS, with great consideration for the balance between instructional time spent on Readiness vs. Supporting Standards. She continues to create content that is both rigorous and engaging. You can find the resources she creates at www.MarvelMath.com.