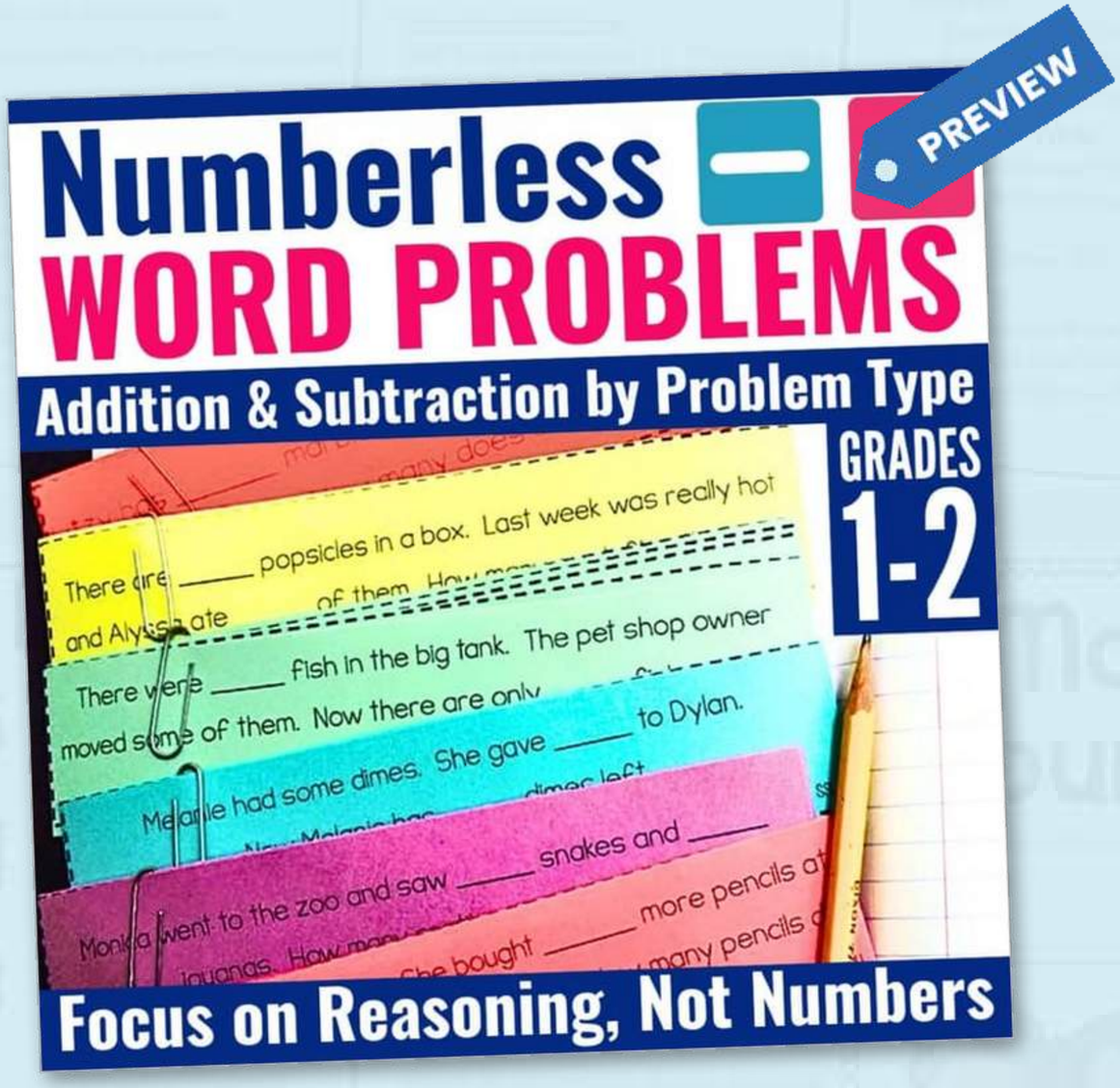
1st & 2ND GRADE



FOCUS ON REASONING, NOT NUMBERS

NUMBERLESS

WORD PROBLEMS

Addition and Subtraction by Problem Type

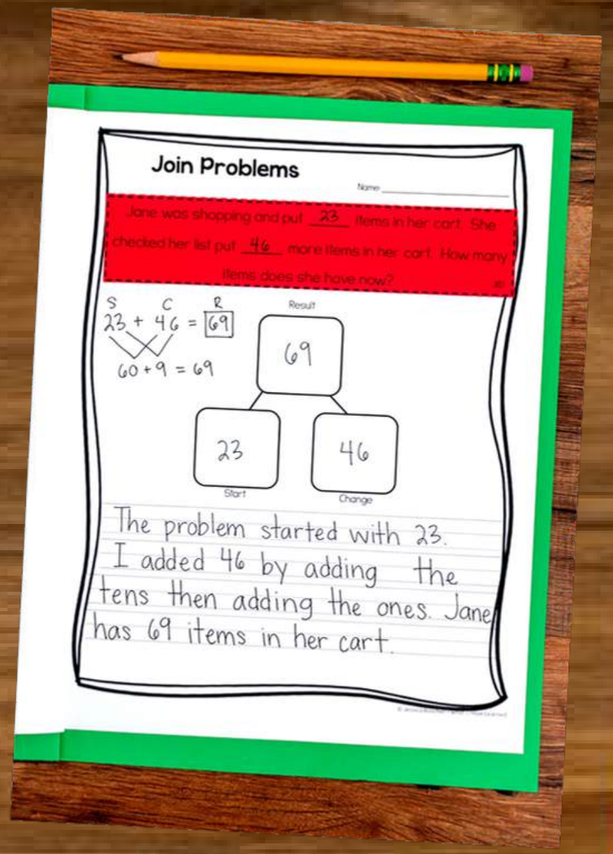
KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED

Reason, model, solve, and explain

- 156 editable addition and subtraction problems
- Blank spaces for easy number differentiation
- Join, Separate, Part-Part-Whole, and Compare types
- Posters, models, and problem-solving strategies
- Student journals, sentence frames, and rubrics
- Problem Type Sort Activity and bonus two-step problems
- Google Slides and editable PowerPoint versions





The story stays the same. Students first reason about what is happening, then choose numbers that fit their needs.

NUMBERLESS IN ACTION

BLANKS FIRST

Maya had _____ stickers. She gave _____ stickers to a friend. How many stickers does Maya have left?

What is happening?

Students identify the action and the unknown before computing.

WITHIN 20

Maya had 18 stickers. She gave 6 stickers to a friend. How many stickers does Maya have left?

Choose a model

Use numbers that match the learner's current level.

TWO-DIGIT

Maya had 86 stickers. She gave 24 stickers to a friend. How many stickers does Maya have left?

Explain the strategy

Keep the structure and increase the number range.

Students focus on the relationship before they focus on the numbers

PROBLEM TYPES WITH EXAMPLES

JOIN



A quantity increases. Find the result, change, or start in an add-to story.

SEPARATE



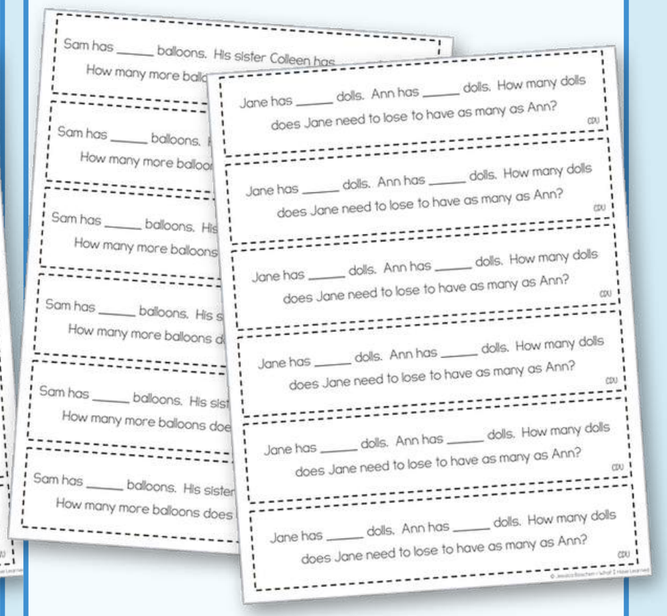
A quantity decreases. Reason about what was taken away in a take-from story.

PART-PART-WHOLE



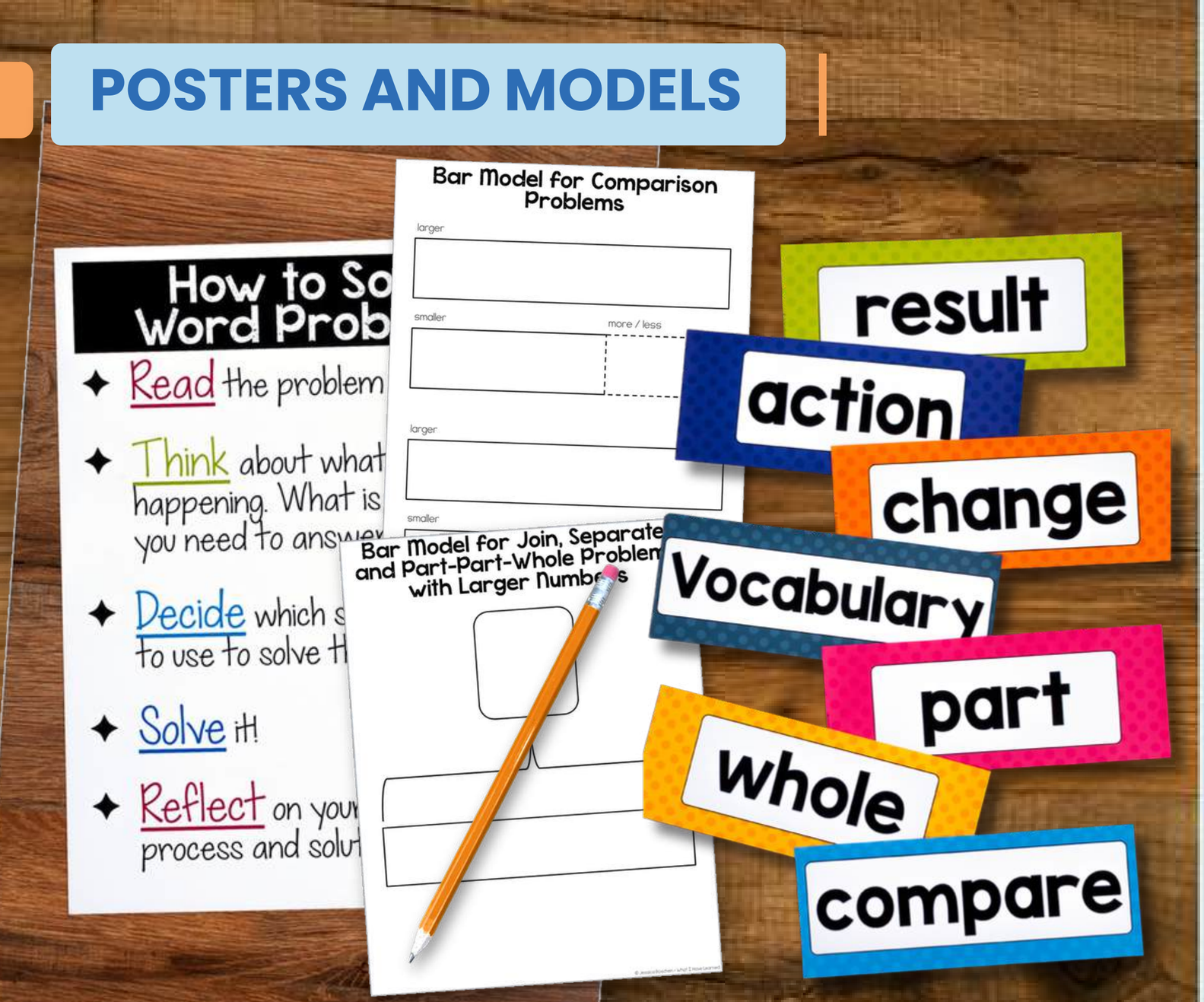
Parts combine to make a whole, or students find a missing part.

COMPARE



Two quantities are compared to find the difference, bigger, or smaller amount.

POSTERS AND MODELS



Posters and models support mathematical reasoning

Make the structure of the problem visible

1 SOLVE THE PROBLEM

Teach a repeatable process for reading, modeling, solving, and reflecting.

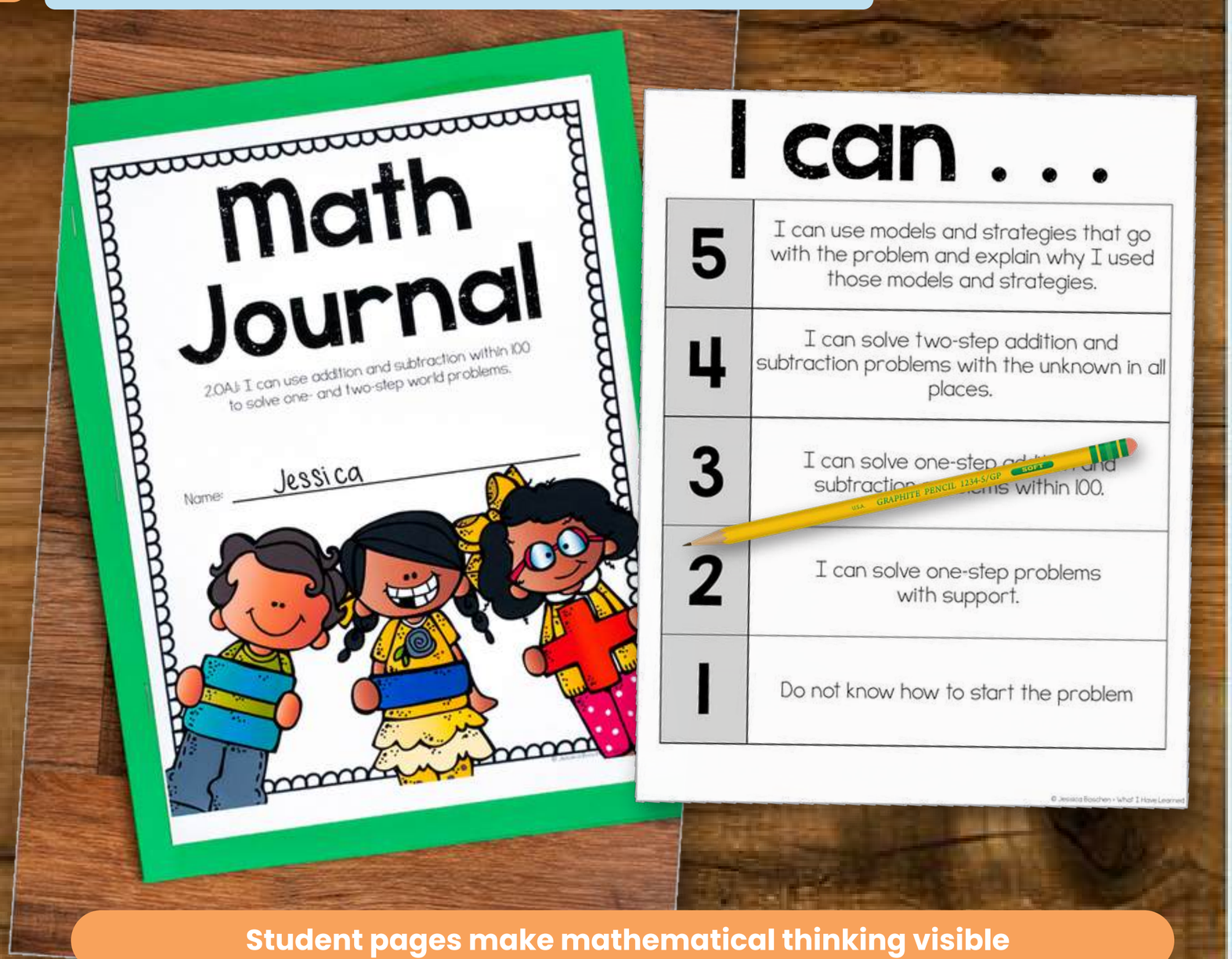
2 CHOOSE A MODEL

Use inverted-V and bar models for join, separate, part-part-whole, and compare problems.

3 EXPLAIN THINKING

Students connect the story, model, equation, and answer.

JOURNALS AND RUBRICS



Student pages make mathematical thinking visible

Give students a place to show their thinking

1 MATH JOURNALS

Students record a problem, model, equation, and explanation in one place.

2 SENTENCE FRAMES

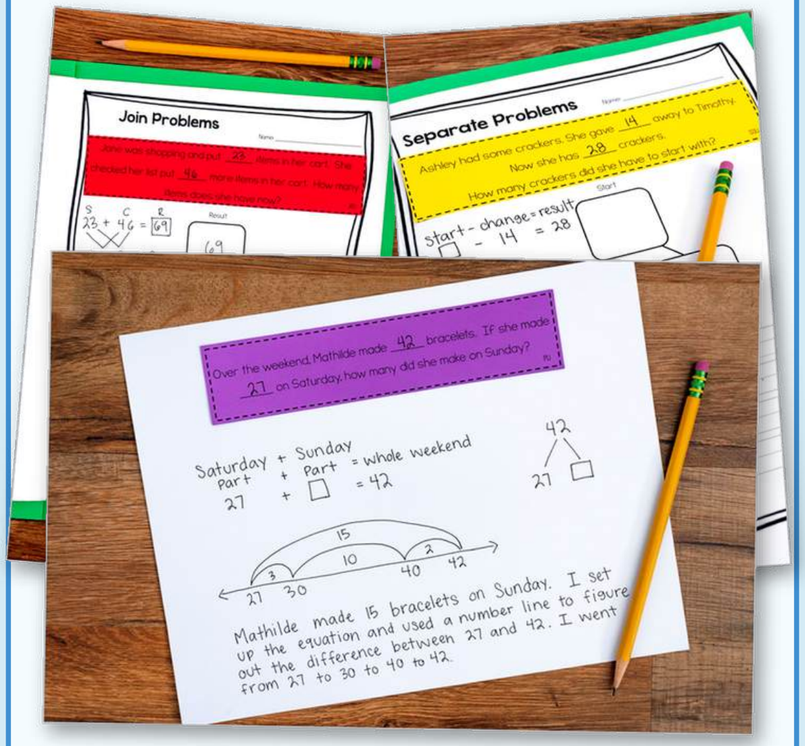
Prompts help students use precise problem-solving vocabulary.

3 RUBRIC

A five-point rubric supports feedback, reflection, and progress monitoring.

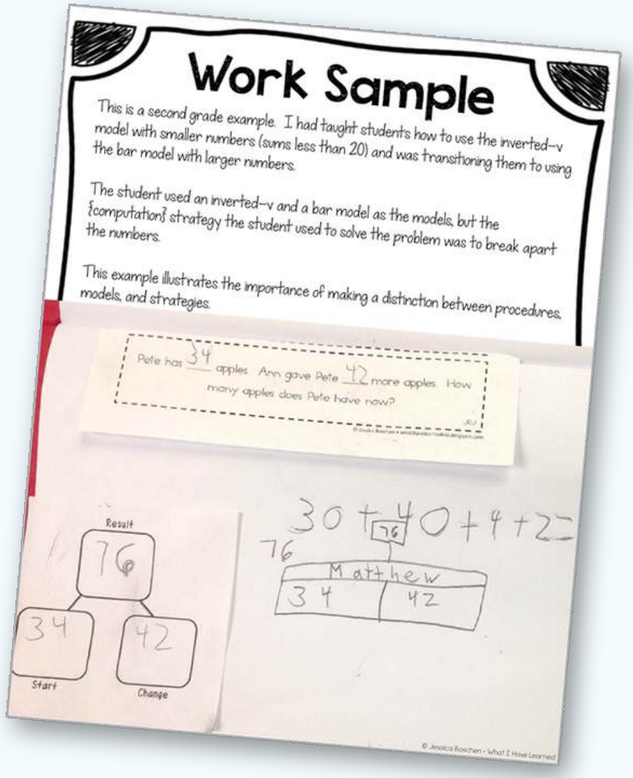
STUDENT WORK SAMPLES

JOIN AND SEPARATE



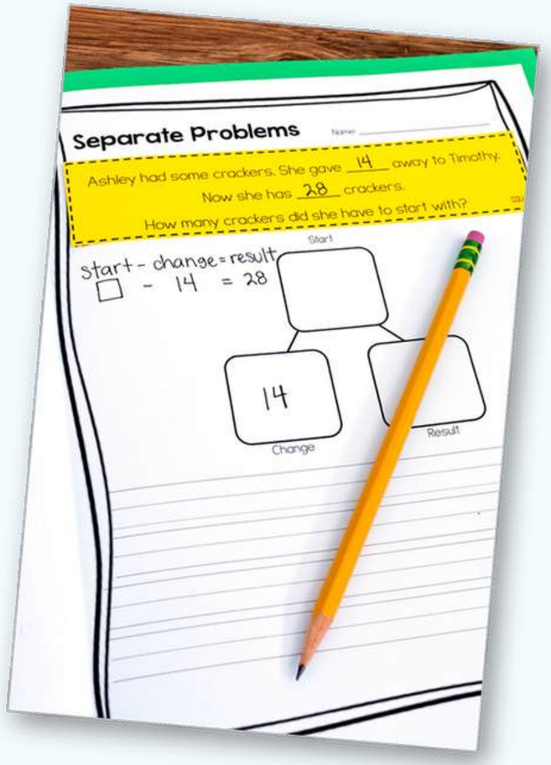
Students use models and equations to explain how quantities change.

MODEL THE RELATIONSHIP



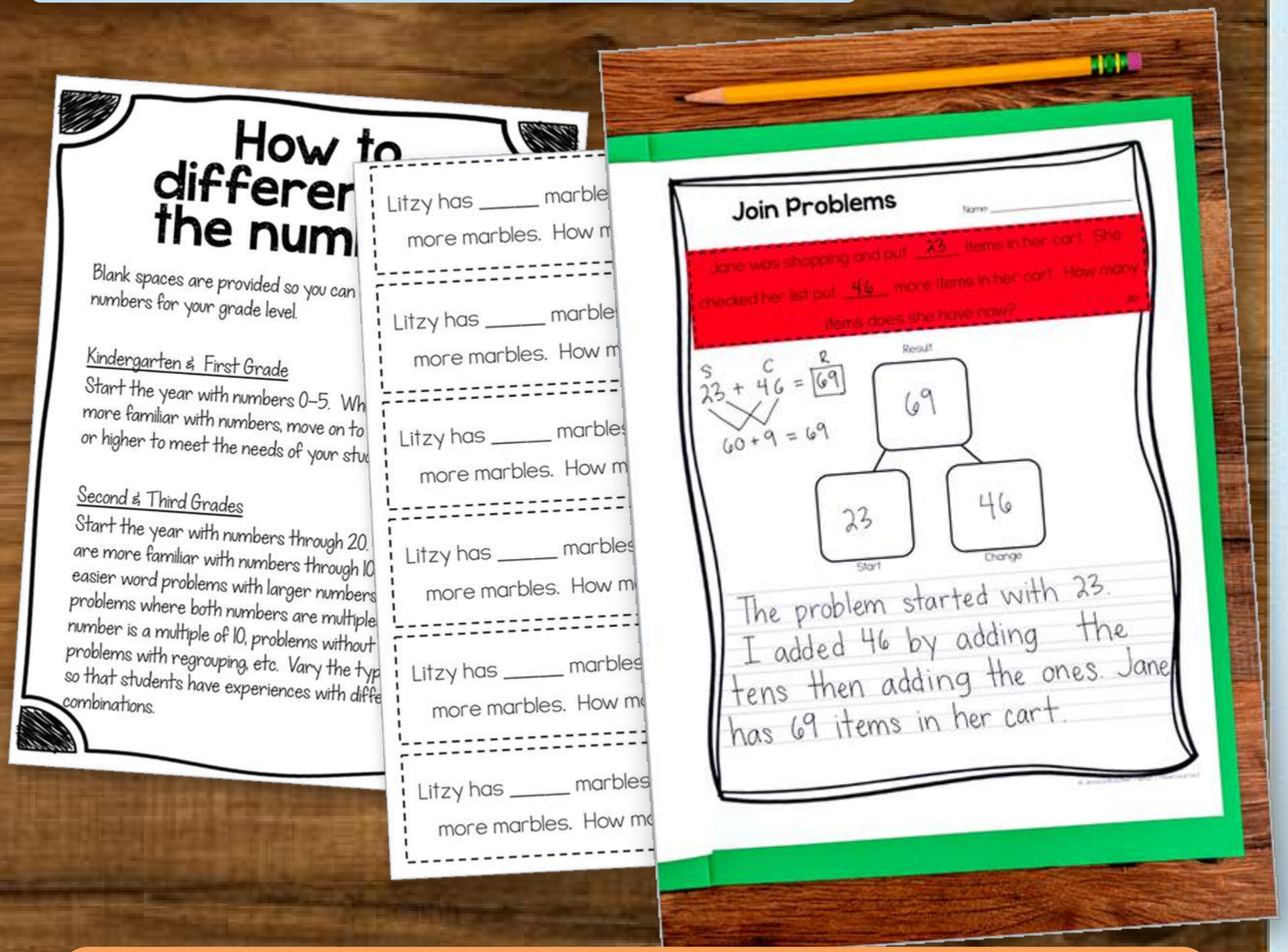
The pages support drawings, number bonds, bar models, and written reasoning.

SHOW THE STRATEGY



Students communicate the strategy they chose and why it makes sense.

EASY TO DIFFERENTIATE



Blank spaces make differentiation simple

Change the numbers without changing the thinking

1 START SMALL

Use numbers within 5 or 10 while students learn the structure of a problem.

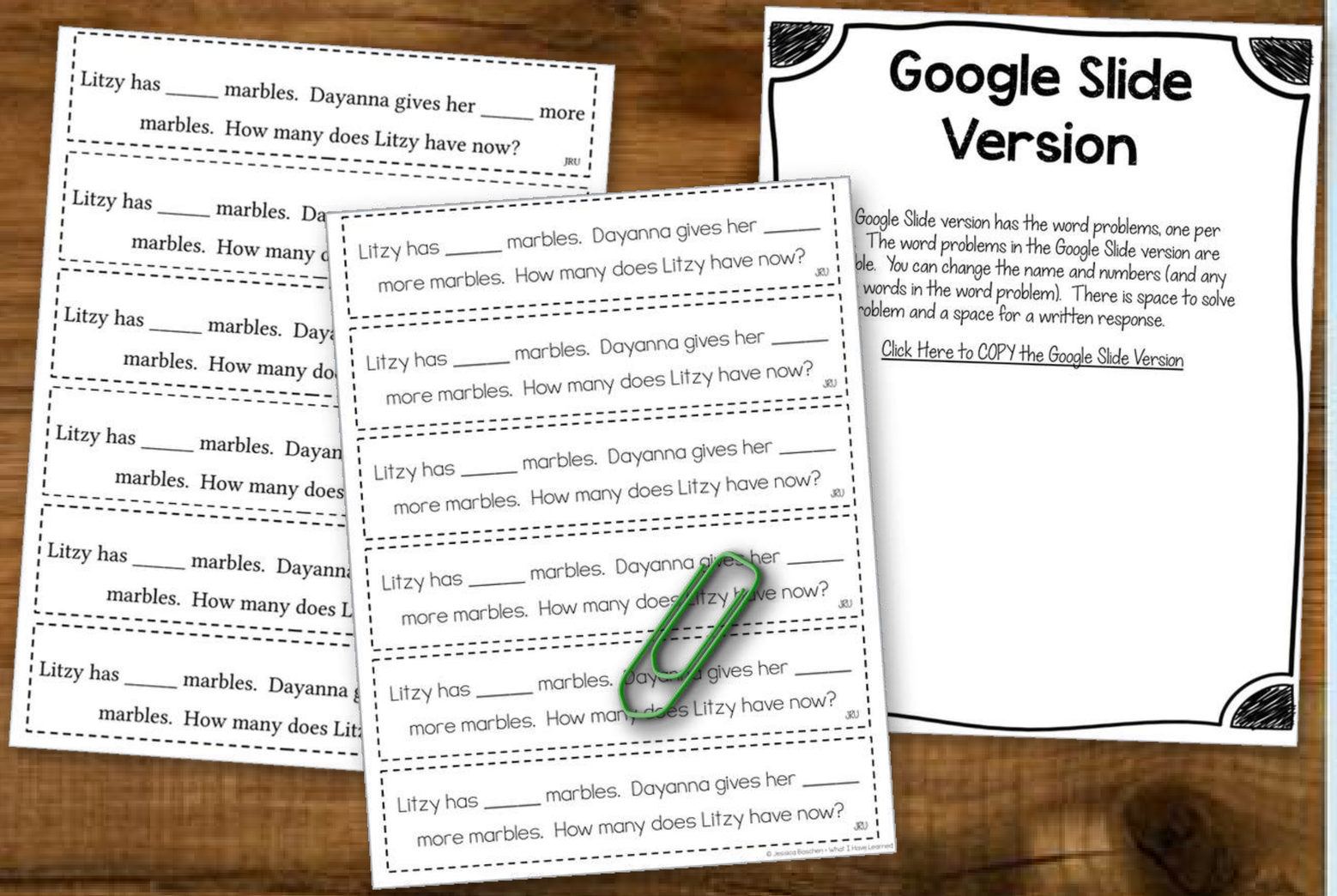
2 BUILD FLUENCY

Move to numbers within 20 as students become more confident.

3 EXTEND THINKING

Use two-digit and three-digit numbers without rewriting the problem.

EDITABLE FILES



Editable formats help the resource fit your classroom

Customize the problems for your students

1 GOOGLE SLIDES

Edit the names, numbers, and wording in the digital version.

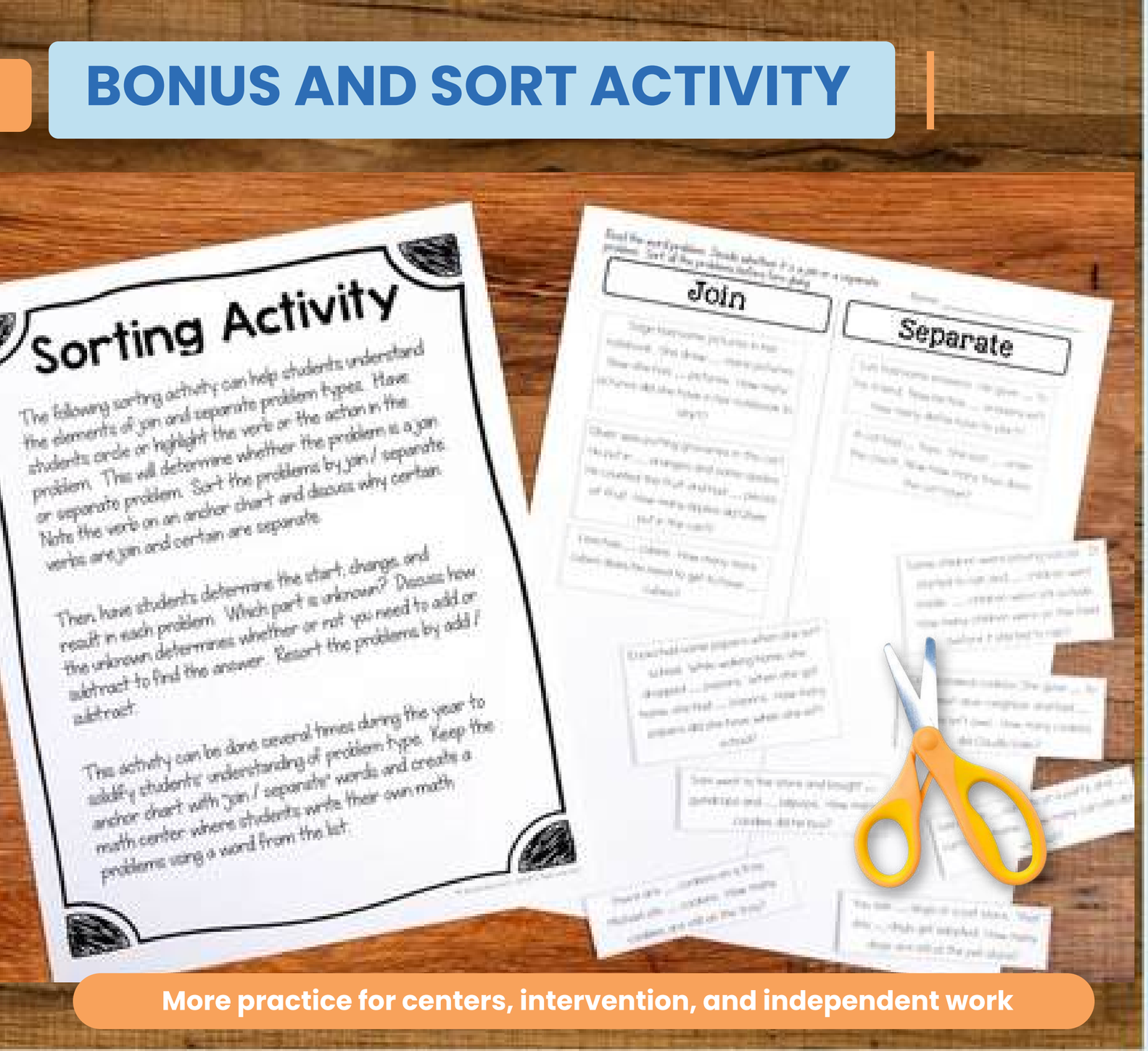
2 POWERPOINT

Use the editable file to customize problems and make your own copies.

3 PRINTABLE PAGES

Print one repeated problem per page for classroom use or multiple problems for small groups.

BONUS AND SORT ACTIVITY



More practice for centers, intervention, and independent work

Extend practice and strengthen problem-type language

1 SORT THE ACTION

Students decide whether a story describes a join or separate situation.

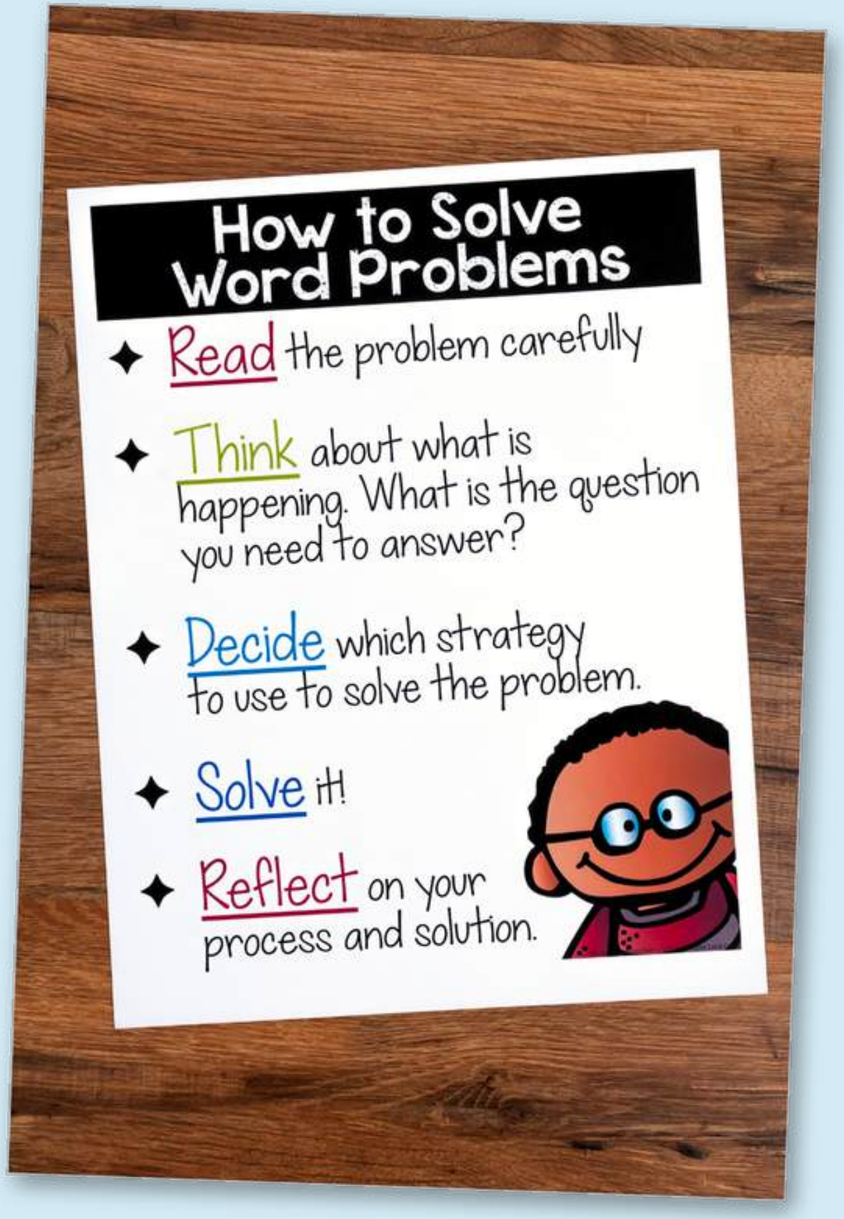
2 ADD OR SUBTRACT

A second sort helps students identify the operation that fits the story.

3 BONUS TWO-STEP PROBLEMS

Twelve extra problems provide more opportunities to reason and explain.

WAYS TO USE THIS RESOURCE



1

GUIDED MATH

Model the thinking process and discuss the structure before students solve.

2

MATH CENTERS

Use repeated problems, models, and journals for independent practice.

3

INTERVENTION

Adjust the numbers while keeping the language and problem structure consistent.

4

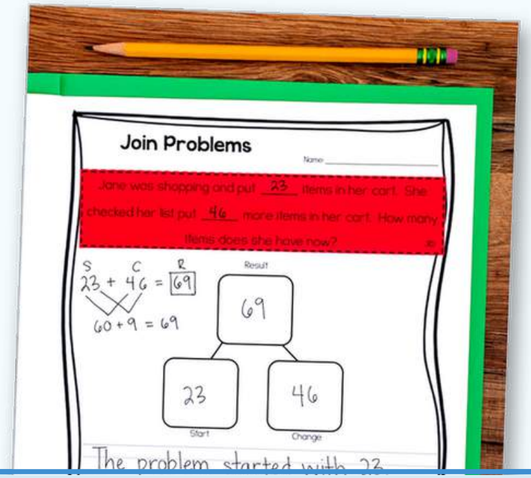
PROBLEM OF THE DAY

Build a daily routine around reasoning, modeling, solving, and explaining.

YOU WILL LOVE THIS BECAUSE

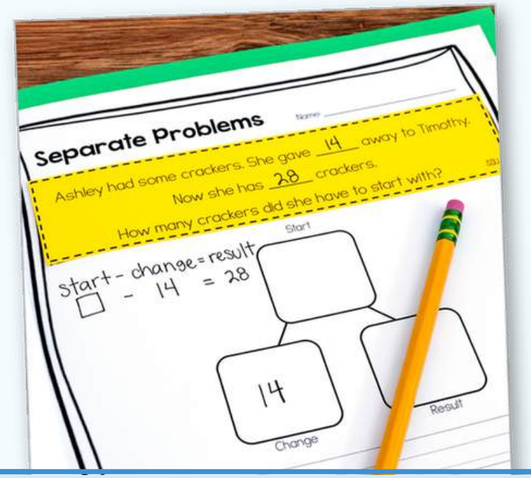
FOCUS ON REASONING

Students learn to understand the action and relationship in a story before choosing an operation.



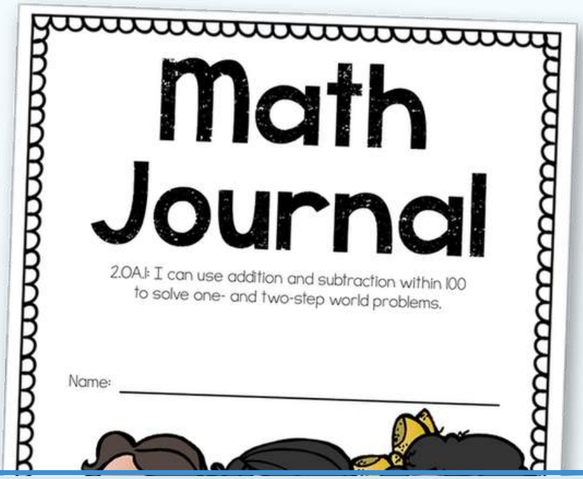
DIFFERENTIATE EASILY

Change the numbers to meet different needs without changing the problem structure.



USE ALL YEAR

With 156 problems, models, journals, and bonus activities, this resource supports repeated practice.



TEACHERS LOVE IT!

★★★★★

These are fabulous because you can use them all year long and just change the numbers as the numbers get bigger!

Shannon S.

★★★★★

Numberless word problems are a must in every classroom. Easy to implement and so helpful in allowing students to use flexible learning in word problems.

Joy I.

★★★★★

I used these numberless word problems during small group instruction to support student understanding.

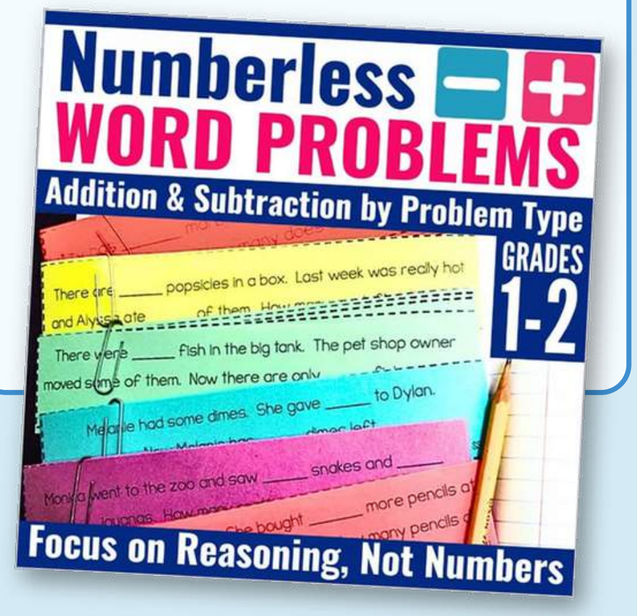
Donald Y.





READY FOR YOUR CLASSROOM

- **156 editable word problems**
- **Different number ranges and problem types**
- **Models, journals, sort activity, and digital files**



My passion is making learning accessible to all students.
I love scaffolding learning, breaking down the concepts and building them up so that students can see the connections.
I love figuring out the small components that build up to the big ideas and helping students see it all.



teach MATH | teach SCIENCE | teach READING | teach WRITING

What I have LEARNED