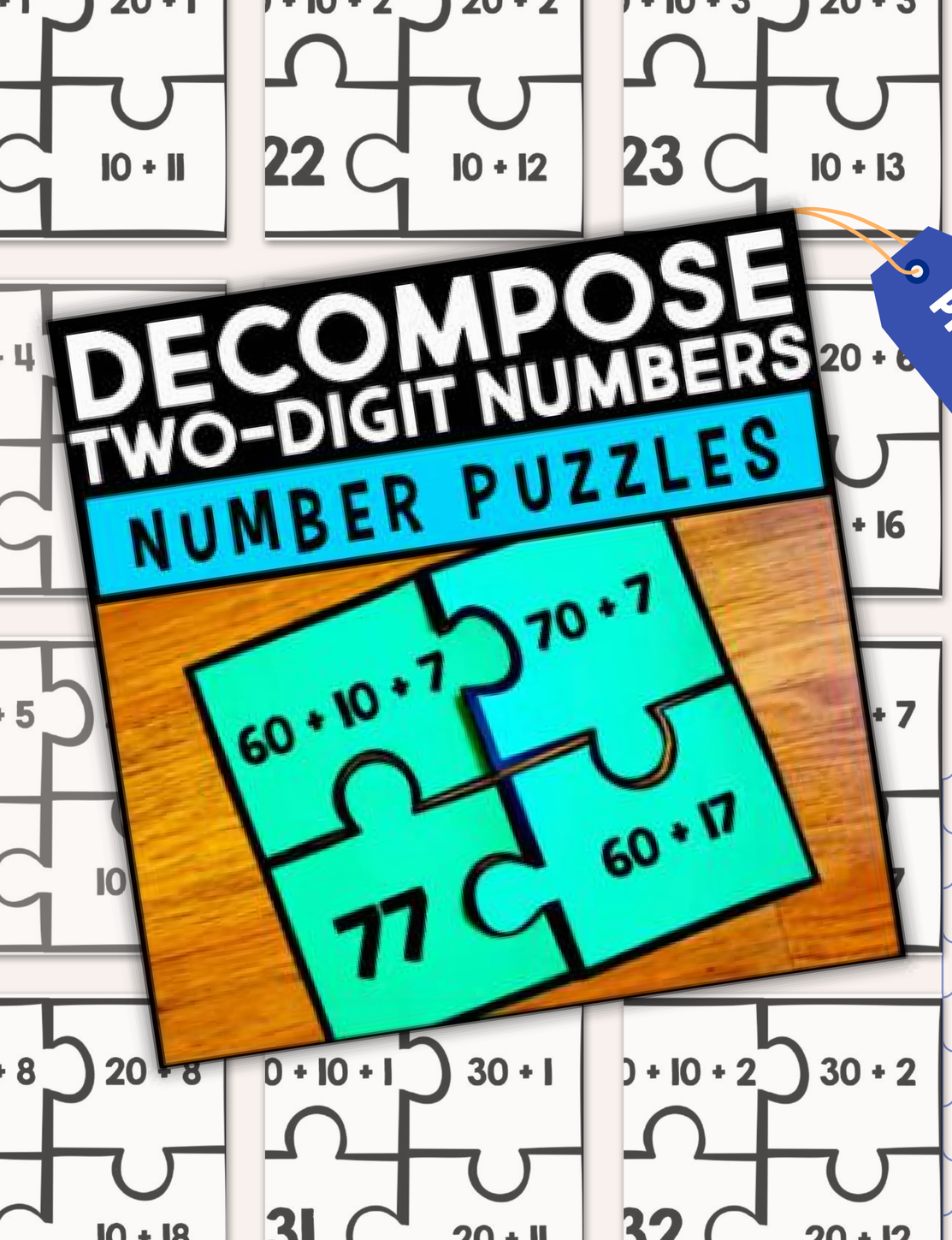


GRADE LEVEL 1ST–2ND

Number PUZZLES

DECOMPOSE TWO-DIGIT NUMBERS

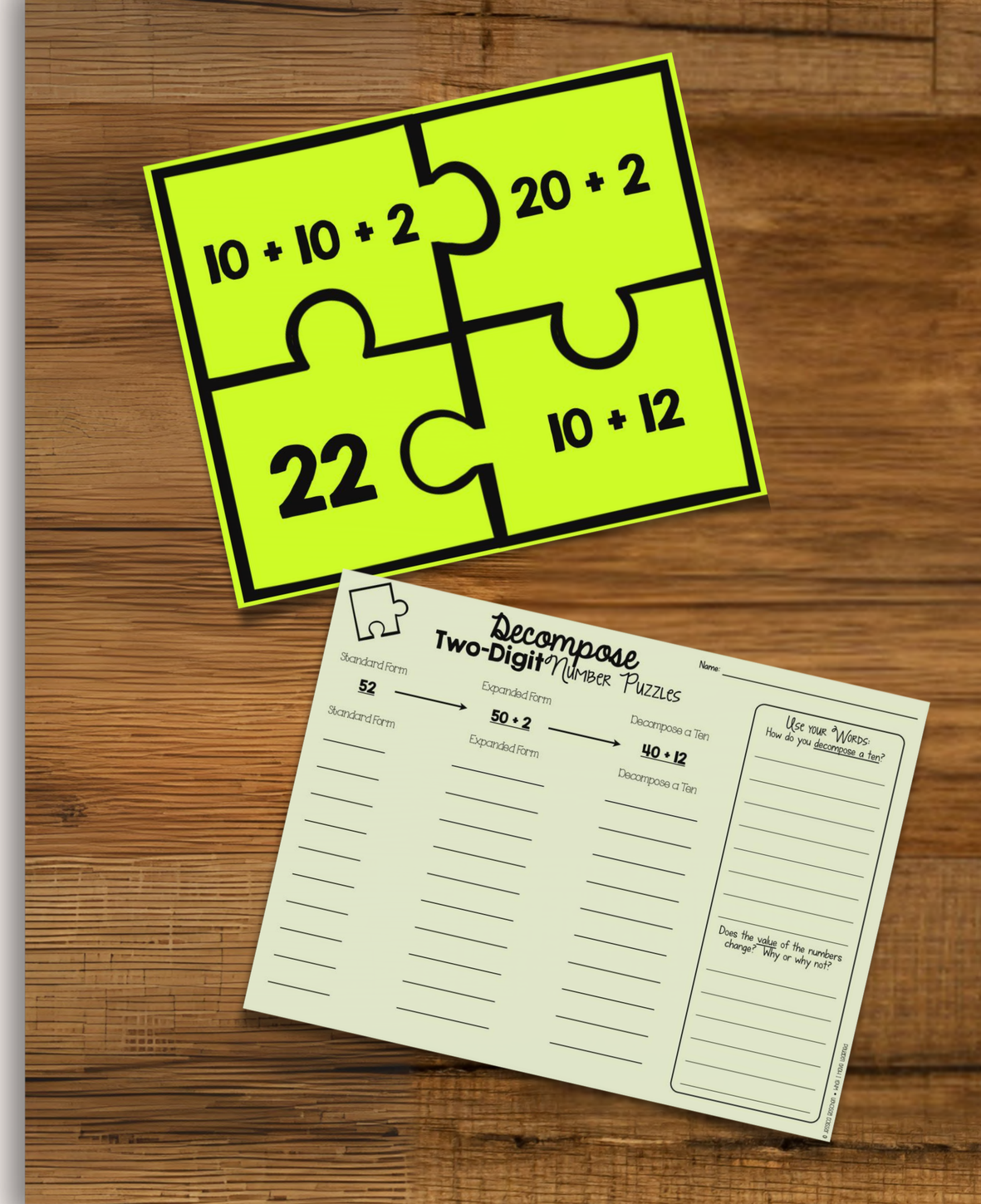
Addition with Regrouping Place Value Strategies

KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED?

Four-Piece Number Puzzles

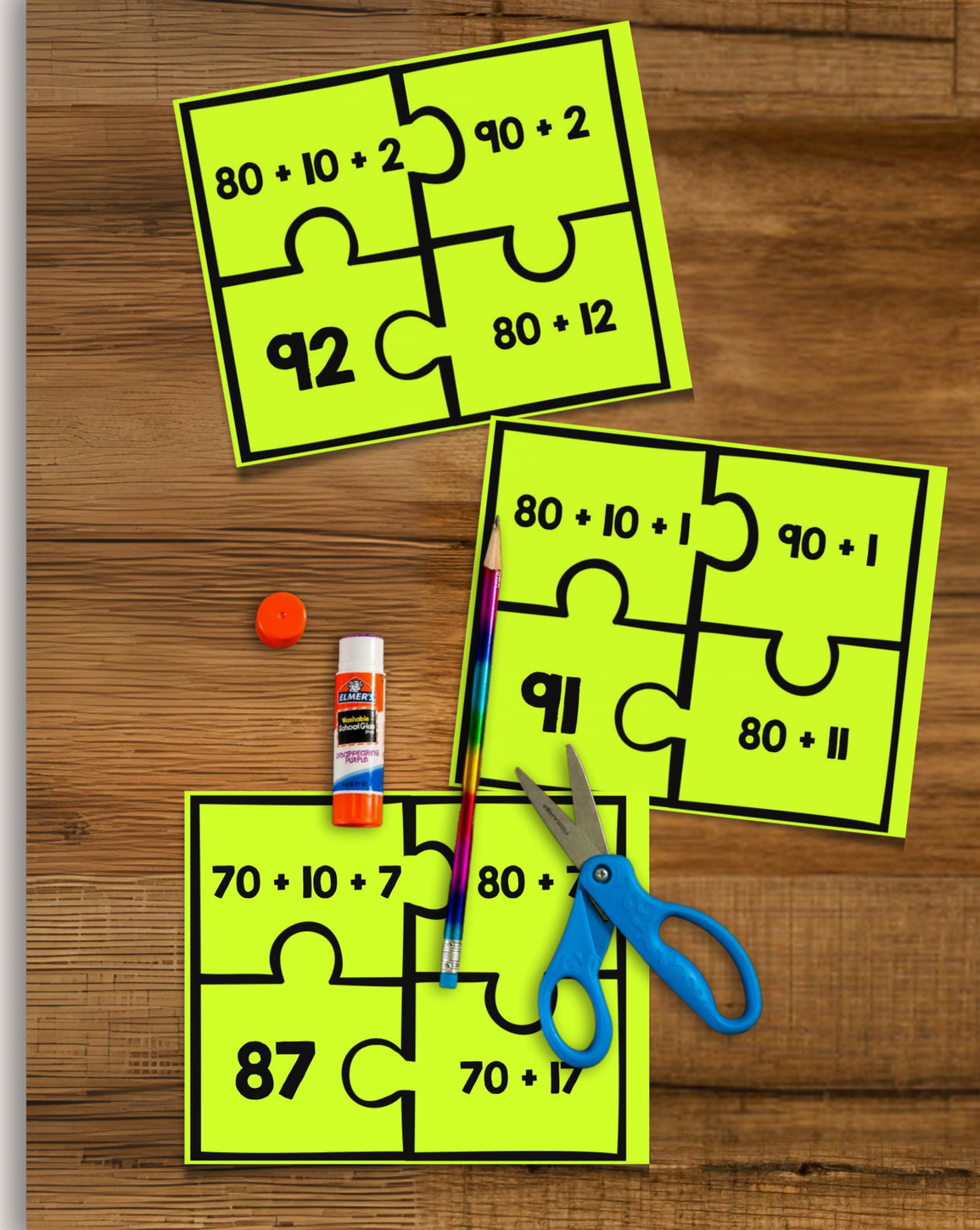
- Each puzzle includes 4 representations of the same number
- Examples:
  - Standard form: 52
  - Expanded form: 50 + 2
  - Regrouped: 40 + 12
  - Decomposed: 40 + 10 + 2



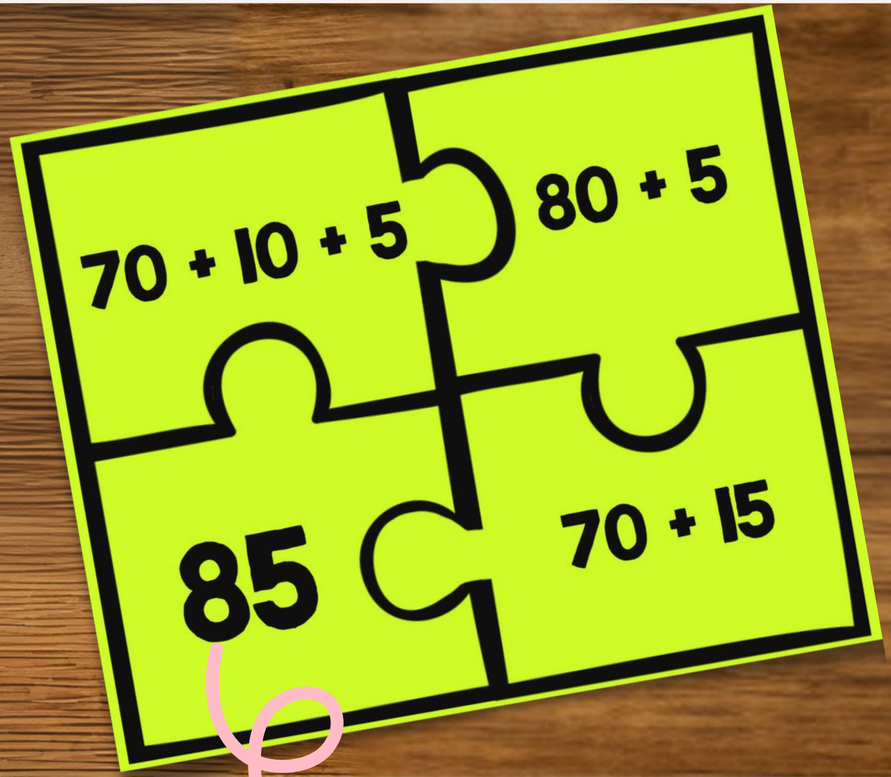
HOW TO USE IT IN THE CLASSROOM

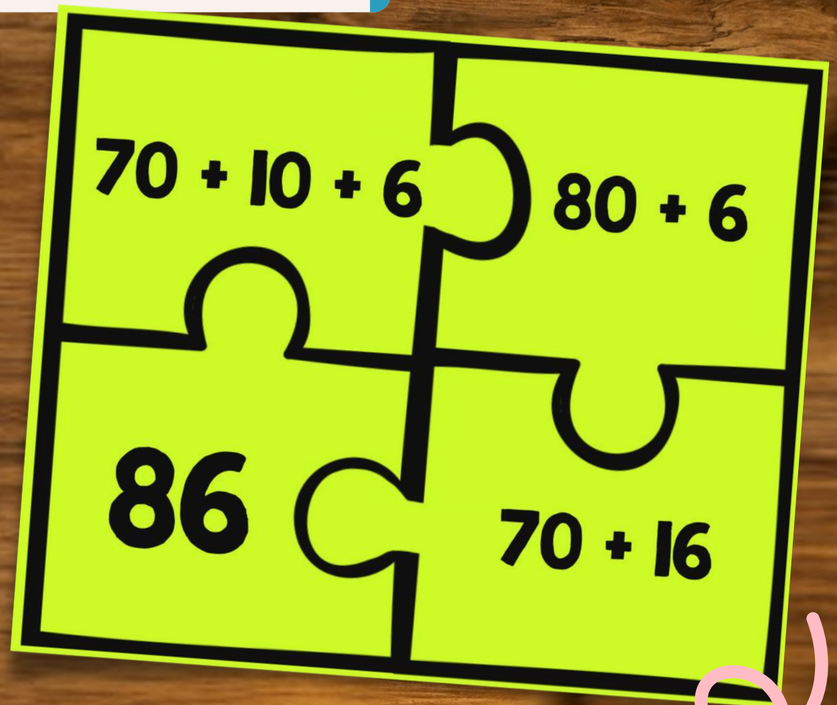
- **Introduce a Puzzle** – Show how numbers can be broken apart
- **Match the Pieces** – Students match expanded and decomposed forms
- **Use It Differentiated** – Match 2, 3, or all 4 pieces
- **Discuss & Explain** – Have students explain their thinking
- **Extend Learning** – Use puzzles to review regrouping concepts

- **Includes instructions:**
  - How to print, laminate, and cut
  - Optional dry-erase use
  - Different ways to play (match just two pieces or all four)



SAMPLE PAGES & ACTIVITIES



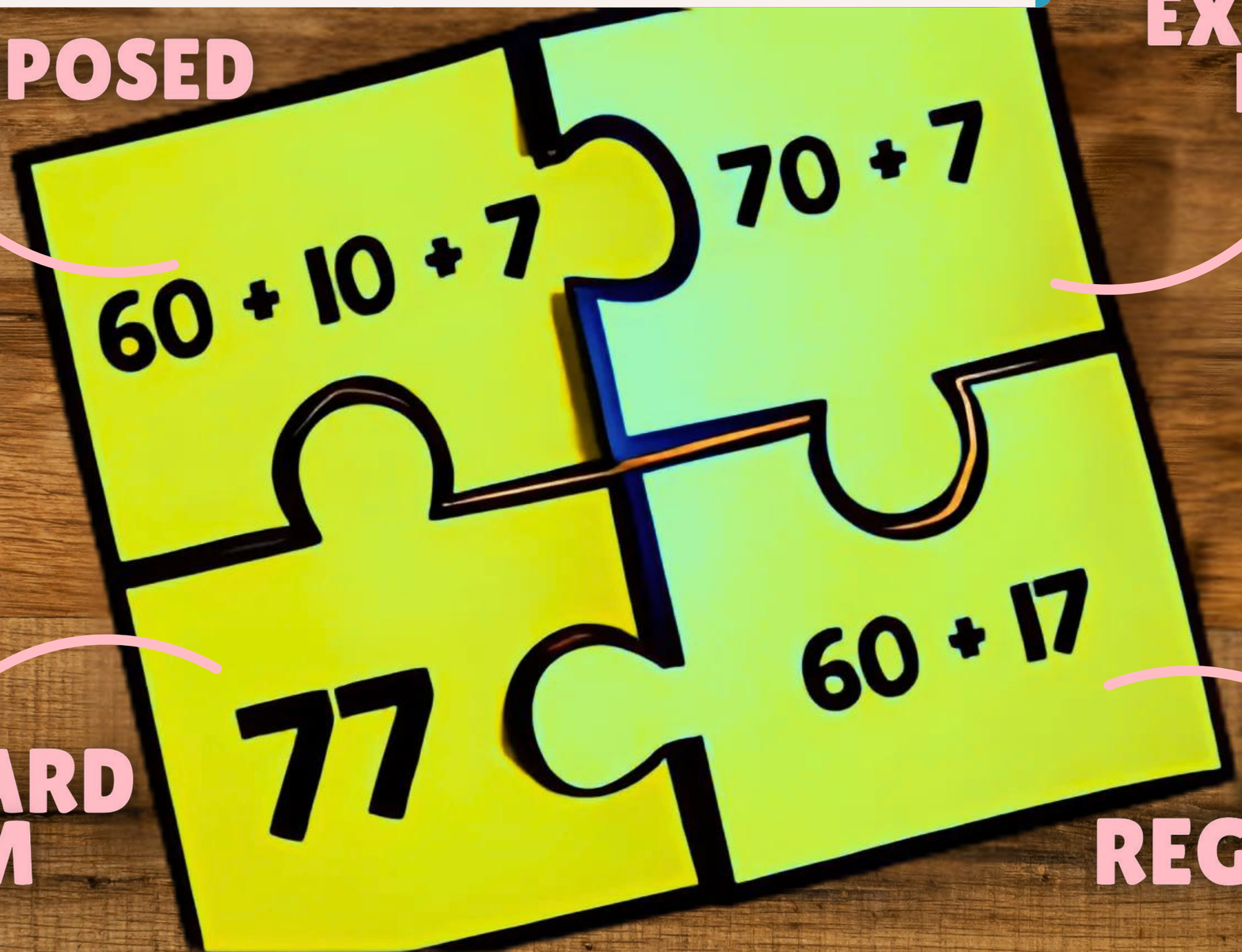


DECOMPOSE TWO-DIGIT NUMBER PUZZLE

SAMPLE PAGES & ACTIVITIES

DECOMPOSED

EXPANDED FORM



STANDARD FORM

REGROUPED

YOU WILL LOVE THIS BECAUSE



Strengthens Mental Math and Flexibility

Helps students visualize and mentally manipulate two-digit numbers in multiple ways.



Reinforces Regrouping Skills

Supports the conceptual understanding needed for two-digit addition and subtraction with regrouping.



Perfect for Hands-On Learning

Students match, talk about, and rearrange puzzle pieces—great for kinesthetic and visual learners.

TEACHERS LOVE IT!

"My Third Grade students were extremely engaged using this resource. Thank you so much for the time and effort that went into creating this!"

Victoria D.



"This was a great Center game for my students, especially working with a partner! The puzzles were a little challenging for some, but in partner work they really did well!"

Laura O.



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