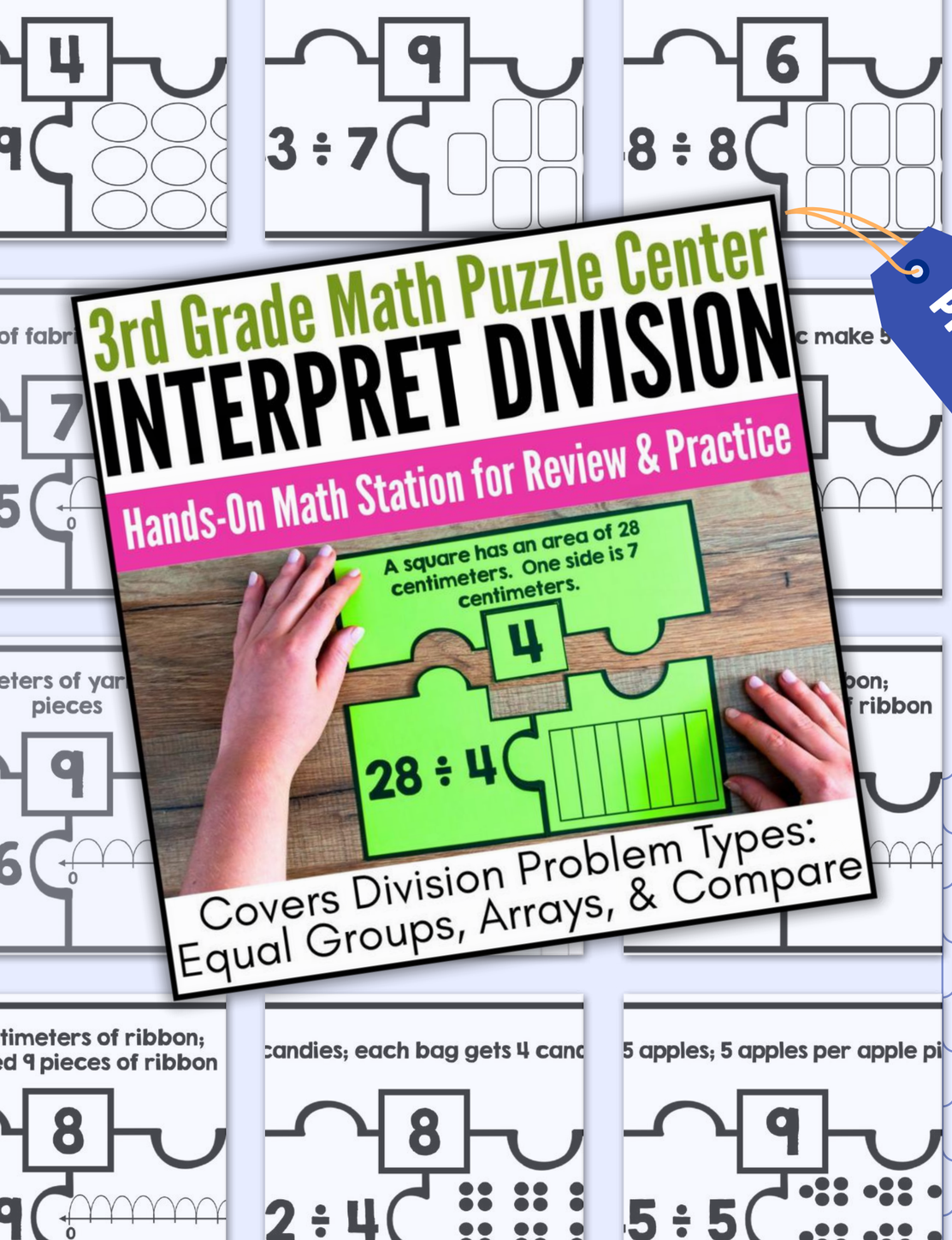


GRADE LEVEL 3RD

Number PUZZLES

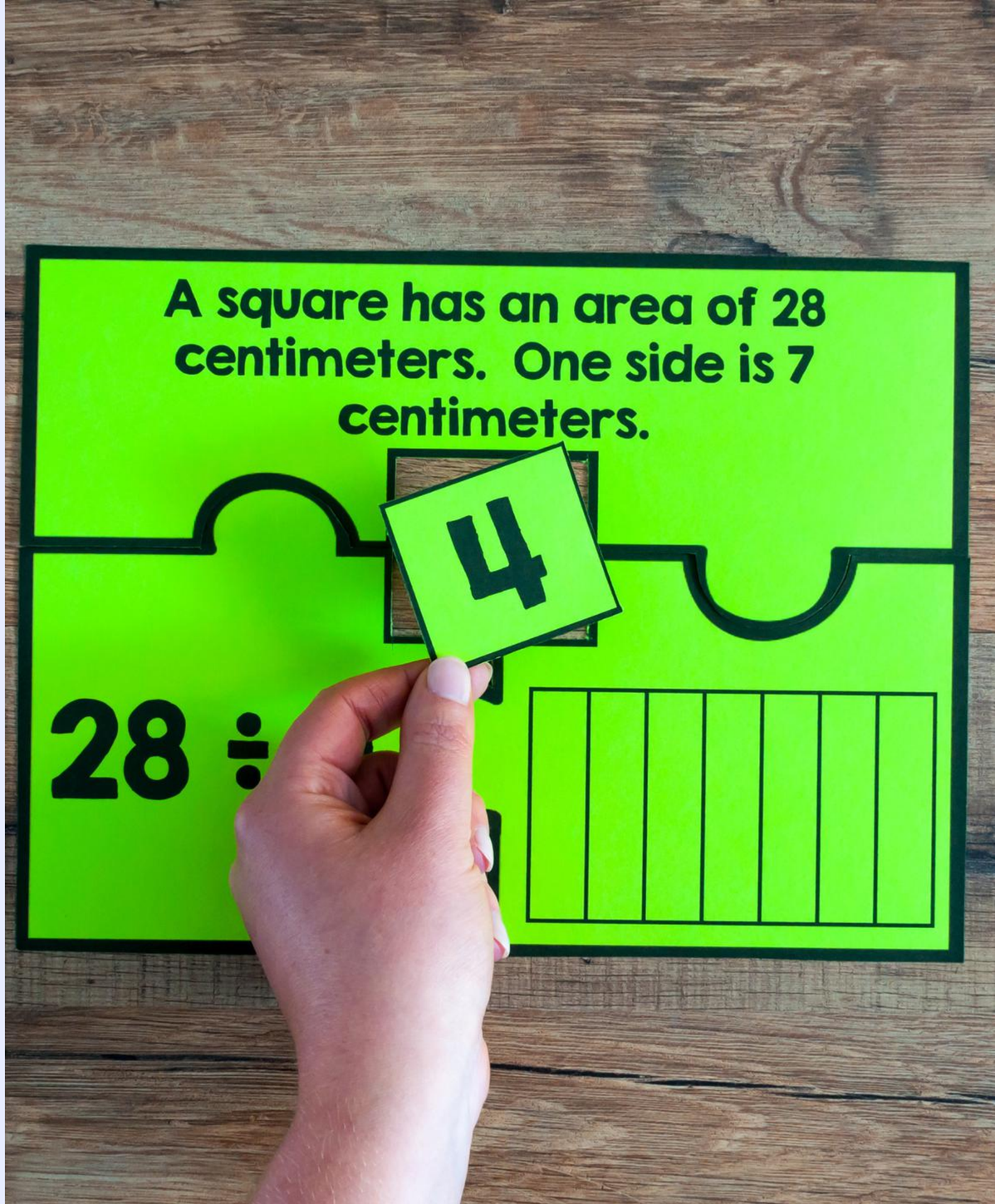
INTERPRET DIVISION

Quotients of Whole Numbers – Math Centers

KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED?

- **36 Division Number Puzzles** organized into three types: **Equal Groups, Arrays/Area Models, and Comparison**
- **12 puzzles per problem type**, covering a range of division scenarios
- Each puzzle includes:
  - A **real-world context** (no question included—**focuses on relationships**)
  - A division **expression** (sometimes with variable)
  - A **visual model** (bar model, number line, groups, or array)

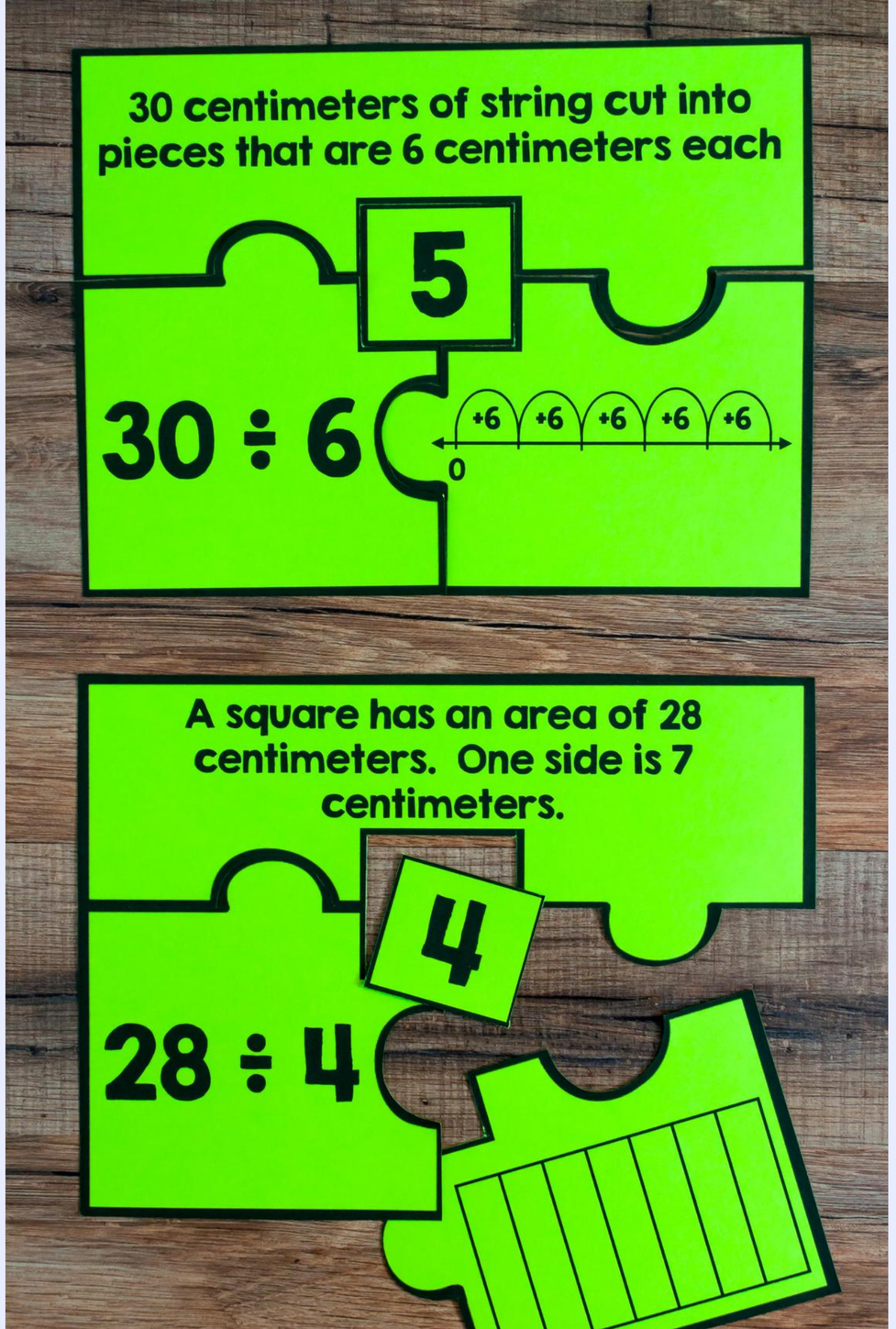


ACTIVITY OVERVIEW

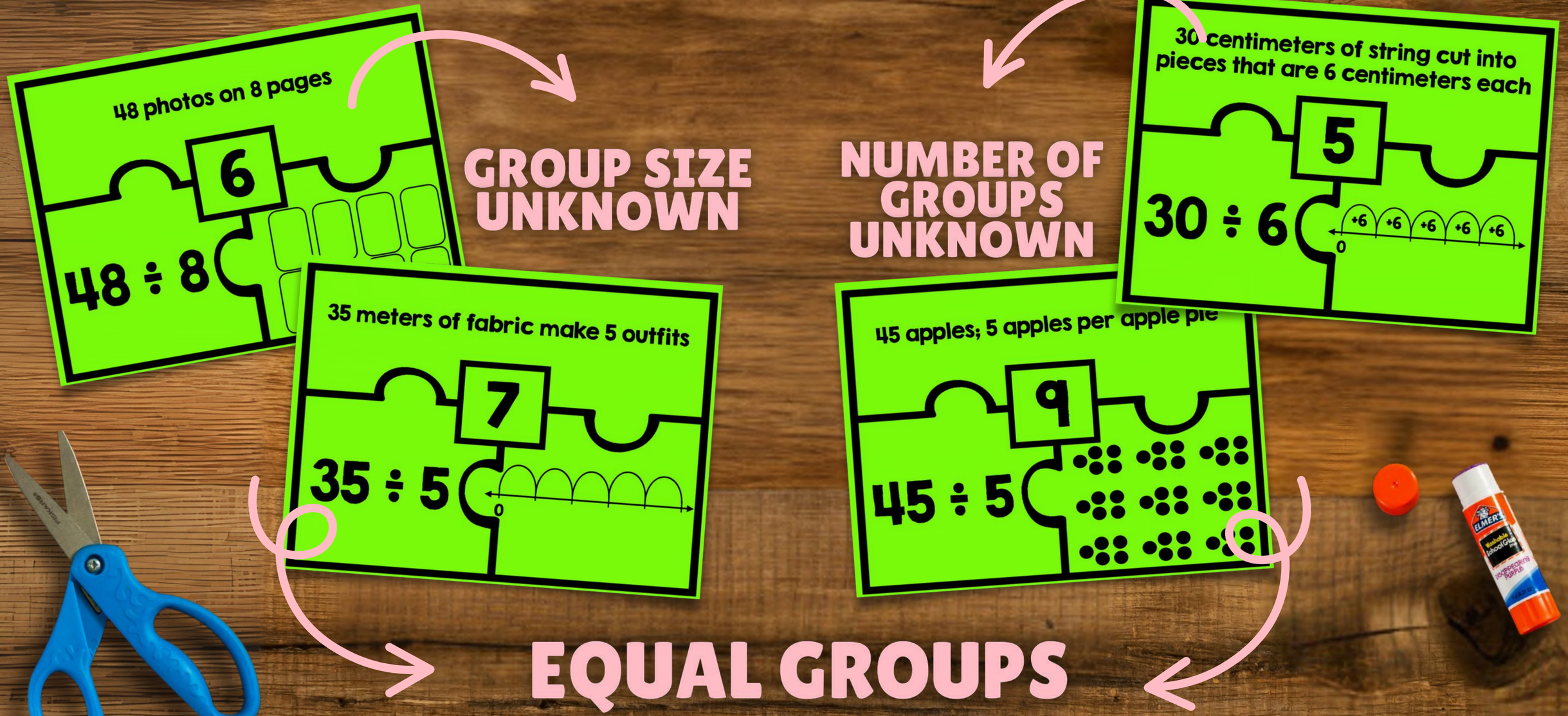
These Division Number Puzzles help students **interpret whole number quotients** by matching a context, expression, model, and answer.

Students complete models like equal groups, arrays, and bar comparisons—actively engaging with the math. Includes 6 puzzles per problem type: **Equal Groups, Arrays/Area, and Compare**, with a variety of division expressions and contexts.

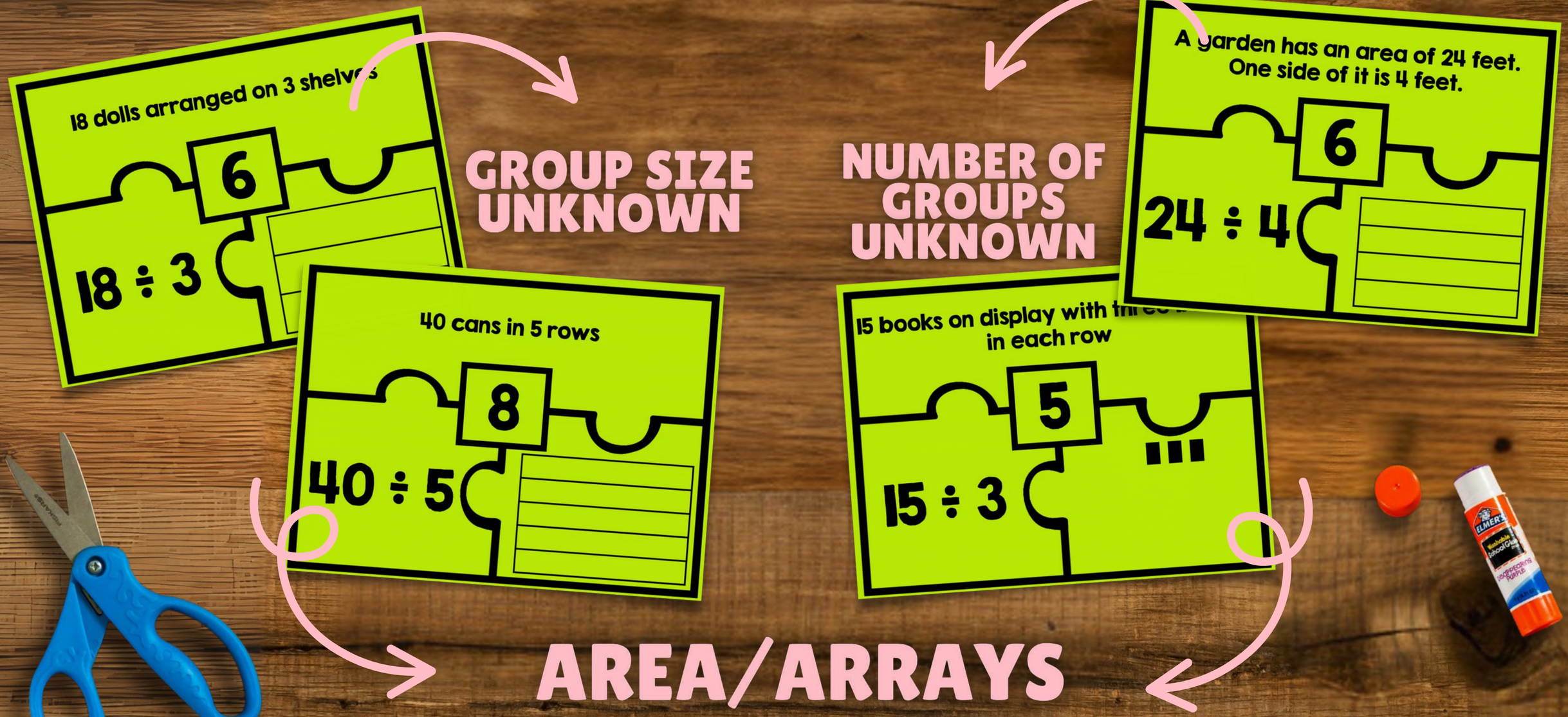
- Includes instructions:
  - How to print, laminate, and cut
  - Optional dry-erase use
  - Different ways to play (match just two pieces or all four)



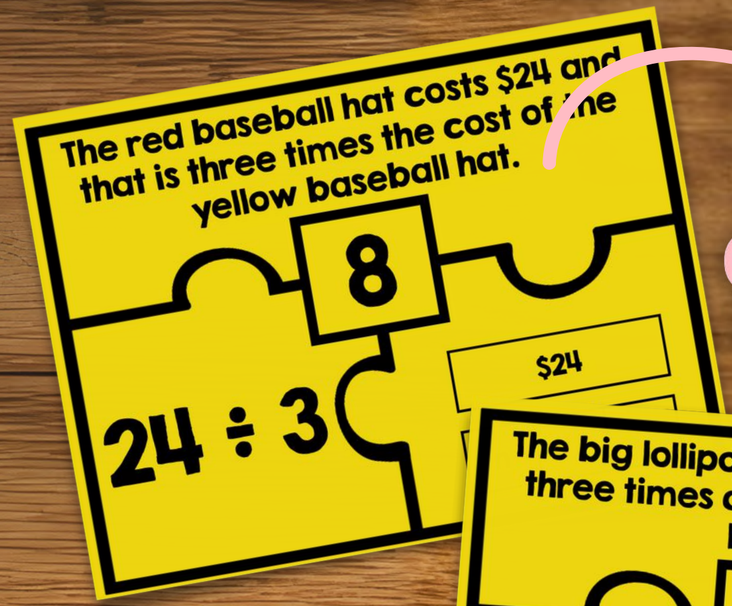
SAMPLE PAGES & ACTIVITIES



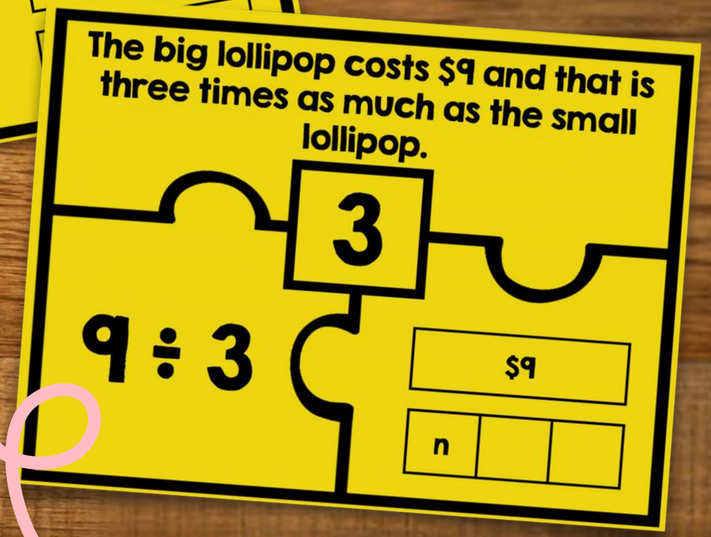
SAMPLE PAGES & ACTIVITIES



SAMPLE PAGES & ACTIVITIES

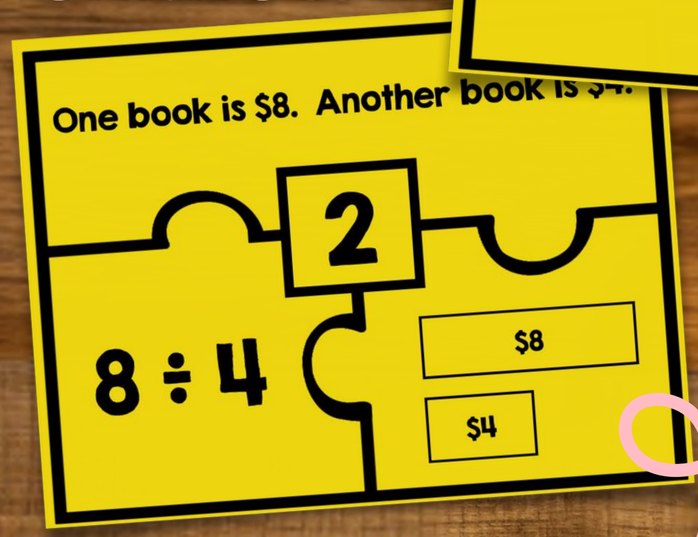


GROUP SIZE UNKNOWN



NUMBER OF GROUPS UNKNOWN



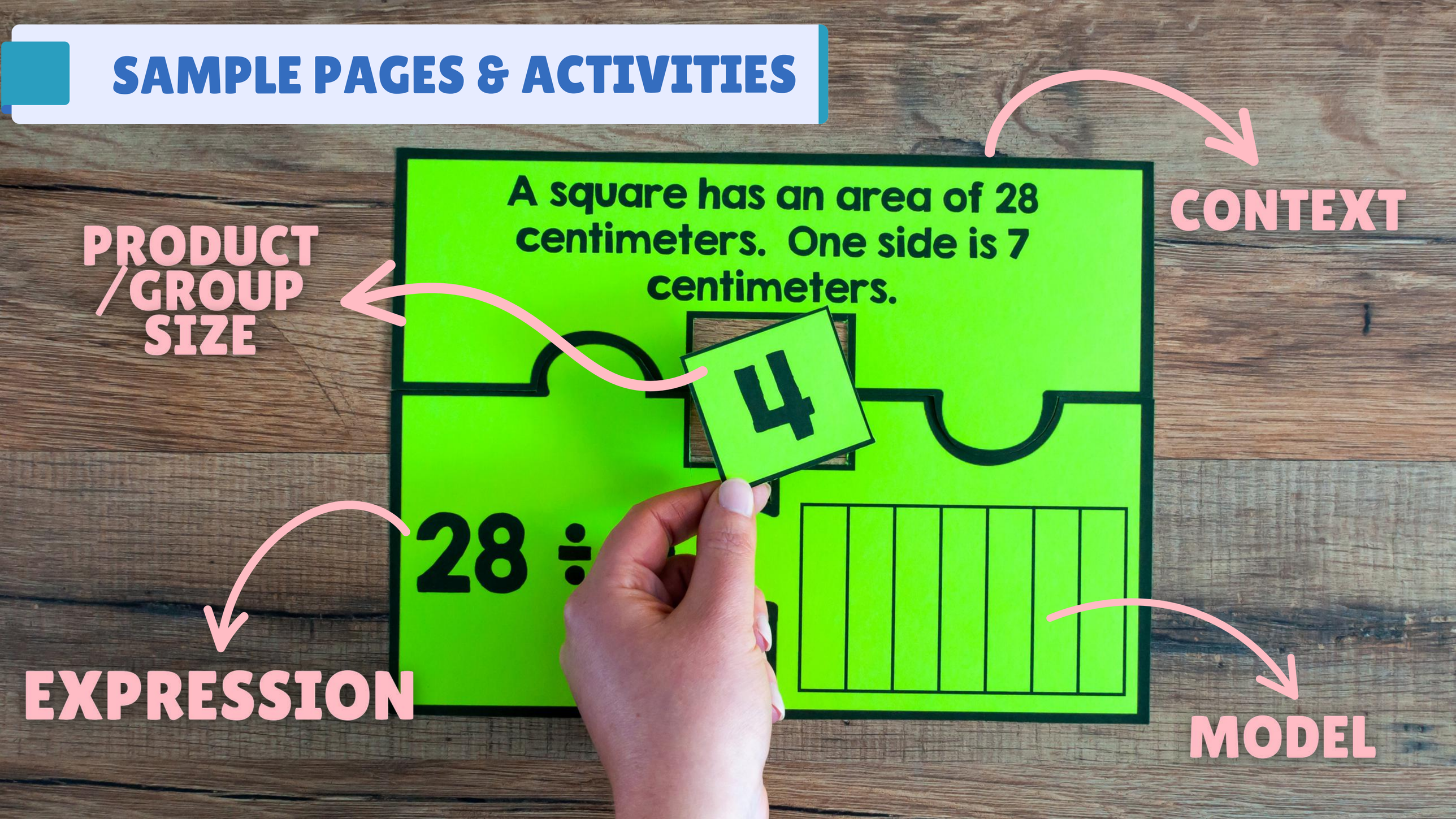


COMPARE





SAMPLE PAGES & ACTIVITIES



SAMPLE PAGES & ACTIVITIES



YOU WILL LOVE THIS BECAUSE



Strengthens Conceptual Understanding of Division

Students analyze the number relationship without traditional word problems, helping them truly understand what division represents.



Focuses on Problem Types with Visual Models

Covers Equal Groups, Arrays/Area Models, and Compare—mirroring the most common structures in division and aligned to standards.



Flexible for Small Groups or Centers

Use for math centers, partner practice, or individual work—easy to implement, differentiate, and reuse across skill levels.

TEACHERS LOVE IT!

I really loved this resource as a hands on activity. My students are able to practice the skills needed during stations, and this was a fun way to do it.

Melissa S.



Excited to challenge kids with these puzzles. I like the fact that there are more than four pieces. I will use these with both my remediation and enrichment groups.

mary C.



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