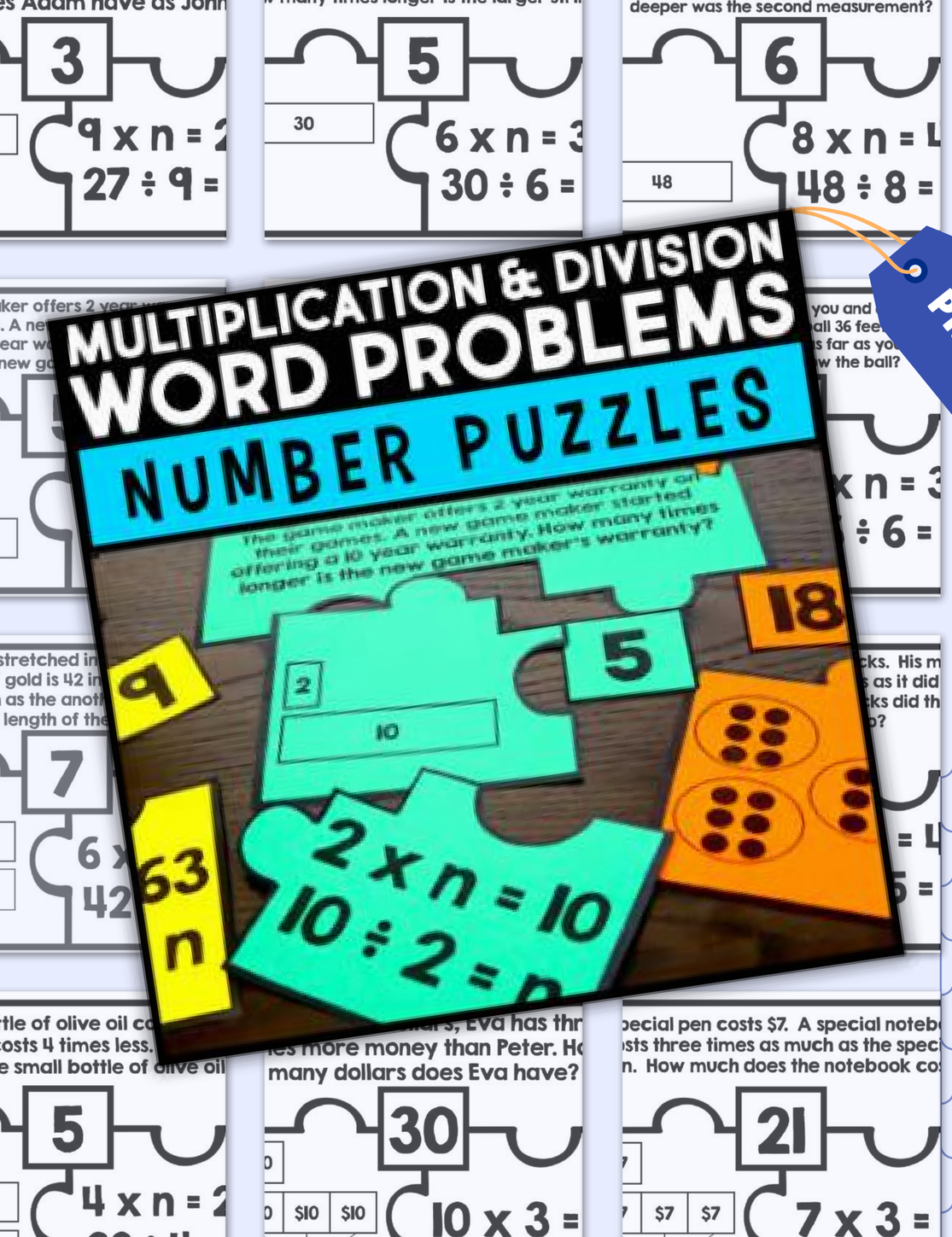


GRADE LEVEL 3RD

Number PUZZLES

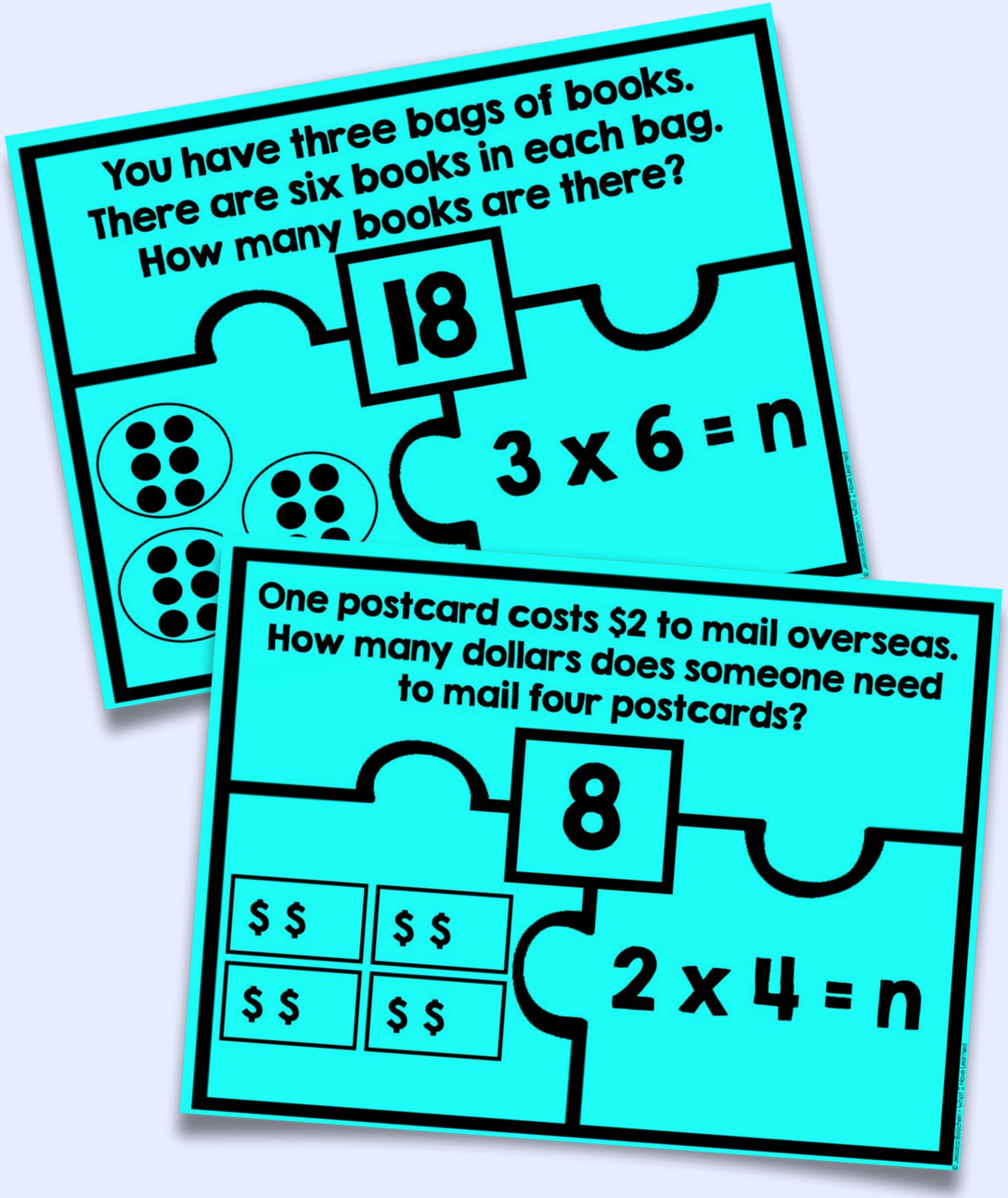
MULTIPLICATION & DIVISION WORD PROBLEMS

Area Model, Groups, Arrays Fluency Puzzles

KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED?

- **35 word problem puzzles** grouped by problem type
- **Visual models**: groups, number lines, arrays/area models, and bar models
- **Equations** with a letter for the unknown



ACTIVITY OVERVIEW

These number puzzles help students **practice solving multiplication and division word problems within 100**.

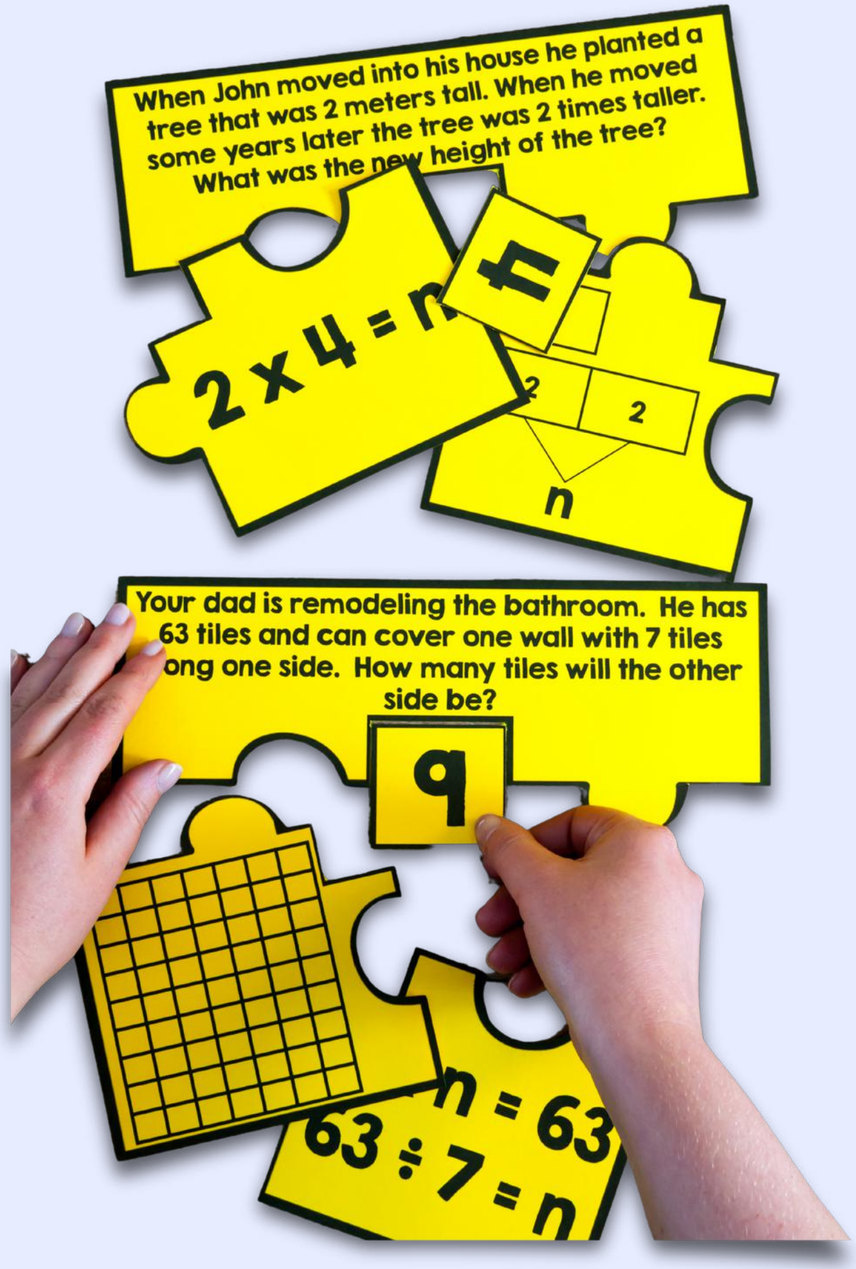
Each puzzle includes a word problem, a model, an equation, and the answer.

The puzzles are grouped into three types: Equal Groups, Area/Arrays, and Compare, with four puzzles for each type.

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

✂ **Print & Cut**

🧠 **Use for math centers or review**



YOU WILL LOVE THIS BECAUSE



Strengthens Word Problem Comprehension

Students build deeper understanding by matching each problem to a model, equation, and answer in one engaging activity.



Supports Visual and Abstract Thinking

Models like arrays, bar models, and number lines help students bridge concrete visuals to abstract equations and solutions.

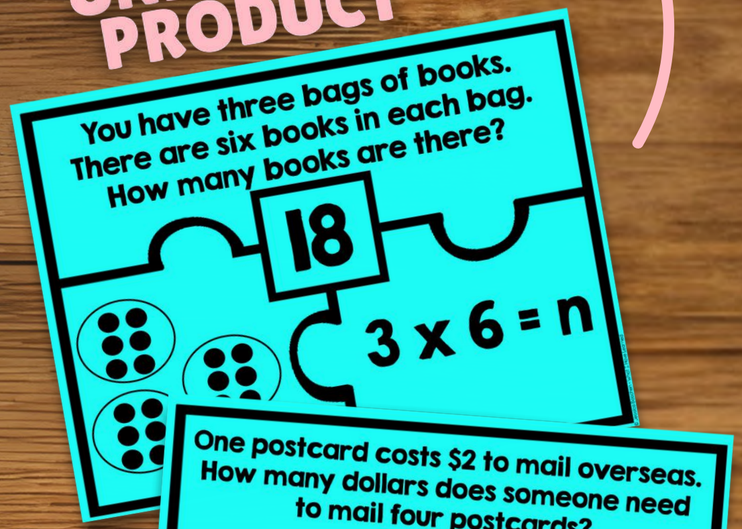


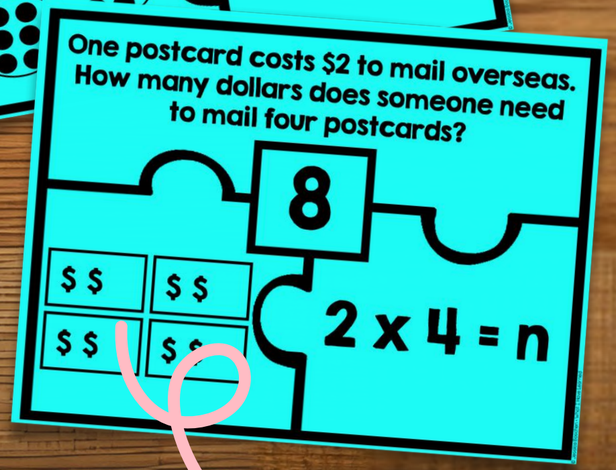
Covers a Range of Problem Types

Puzzles are grouped by problem type, ensuring focused practice and stronger conceptual development across multiplication and division.

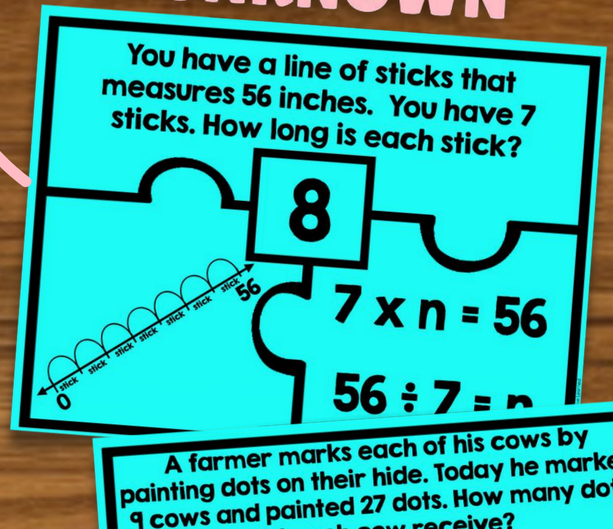
SAMPLE PAGES & ACTIVITIES

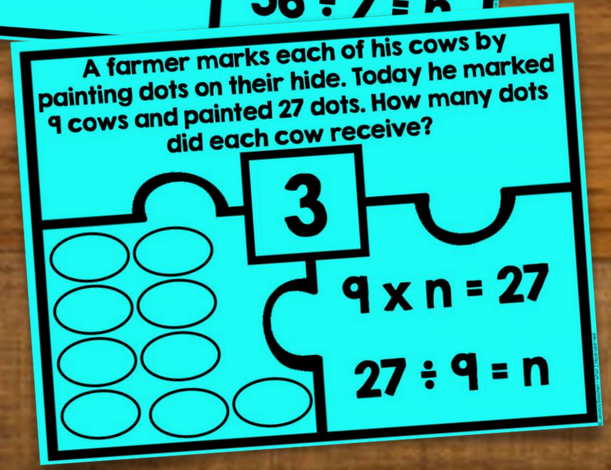
UNKNOWN PRODUCT



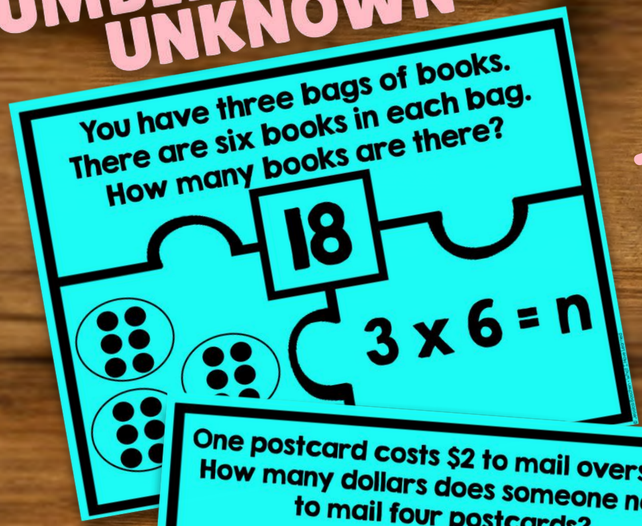


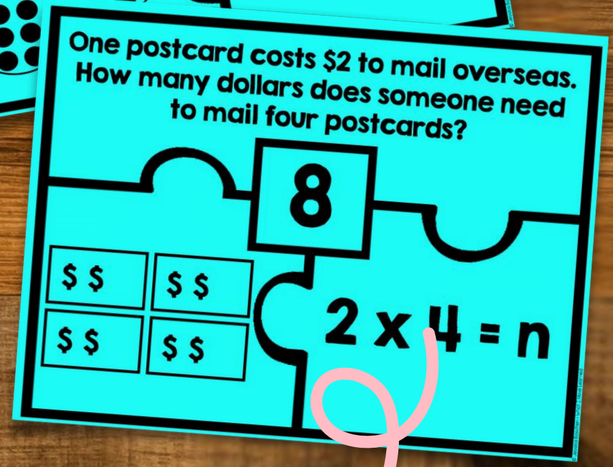
GROUP SIZE UNKNOWN





NUMBER OF GROUPS UNKNOWN

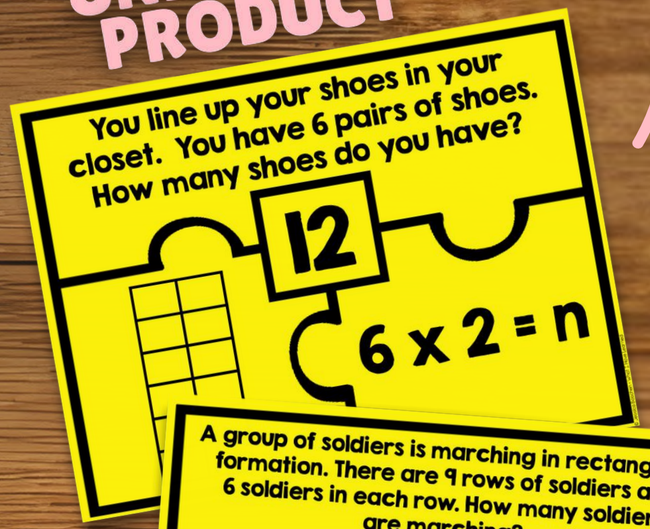


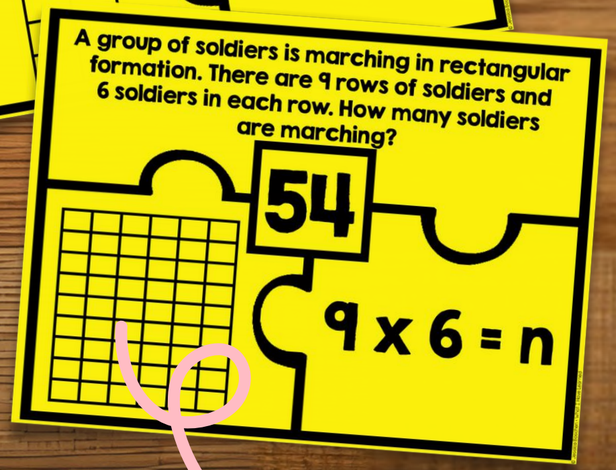


EQUAL GROUPS

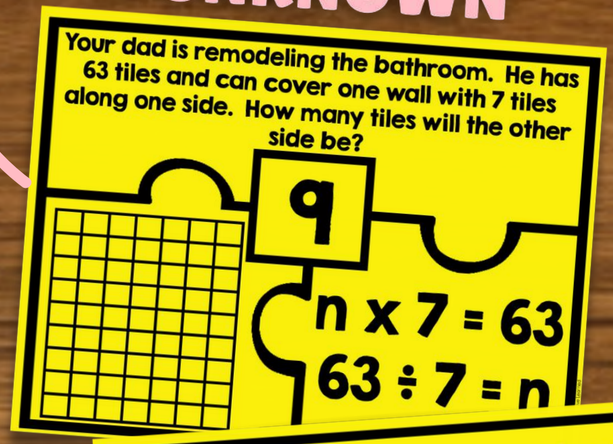
SAMPLE PAGES & ACTIVITIES

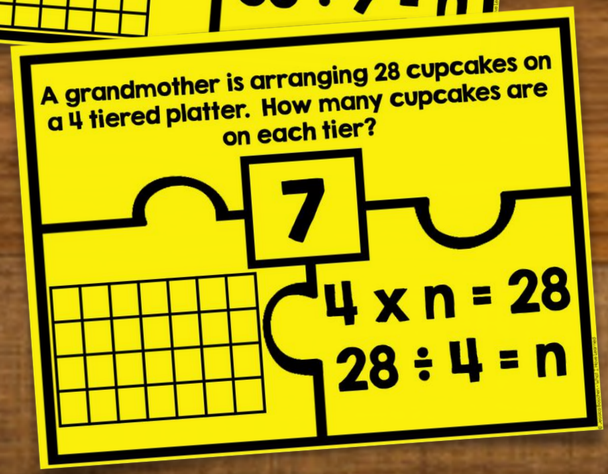
UNKNOWN PRODUCT



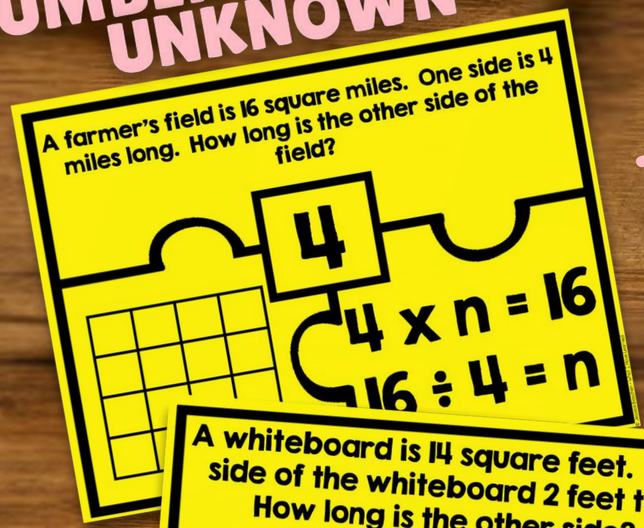


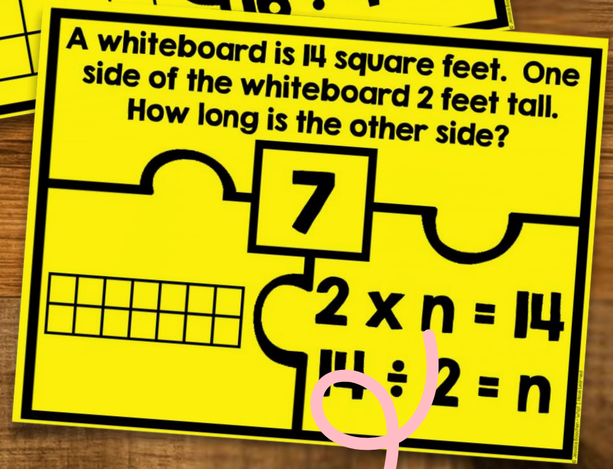
GROUP SIZE UNKNOWN





NUMBER OF GROUPS UNKNOWN





ARRAYS/AREA

SAMPLE PAGES & ACTIVITIES

UNKNOWN PRODUCT

A special pen costs $7. A special notebook costs three times as much as the special pen. How much does the notebook cost?

21

$7 $7 $7 $7

7 x 3 = n

A group of soldiers is marching in rectangular formation. There are 9 rows of soldiers and 6 soldiers in each row. How many soldiers are marching?

54

9 x 6 = n

GROUP SIZE UNKNOWN

A large bottle of olive oil costs $20. A small bottle costs 4 times less. What is the costs of the small bottle of olive oil?

5

$20

n

4 x n = 20

20 ÷ 4 = n

Joe's lego maze has 40 lego blocks. His maze has 5 times as many lego blocks as it did an hour ago. How many lego blocks did the maze have an hour ago?

8

40

n

5 x n = 40

40 ÷ 5 = n

NUMBER OF GROUPS UNKNOWN

Monica is measuring string. One piece of string is 30 inches. The other piece is 6 inches. How many times longer is the larger string?

5

30

5

6 x n = 30

30 ÷ 6 = n

Adam has 27 books and John has 9 books. How many times as many books does Adam have as John?

3

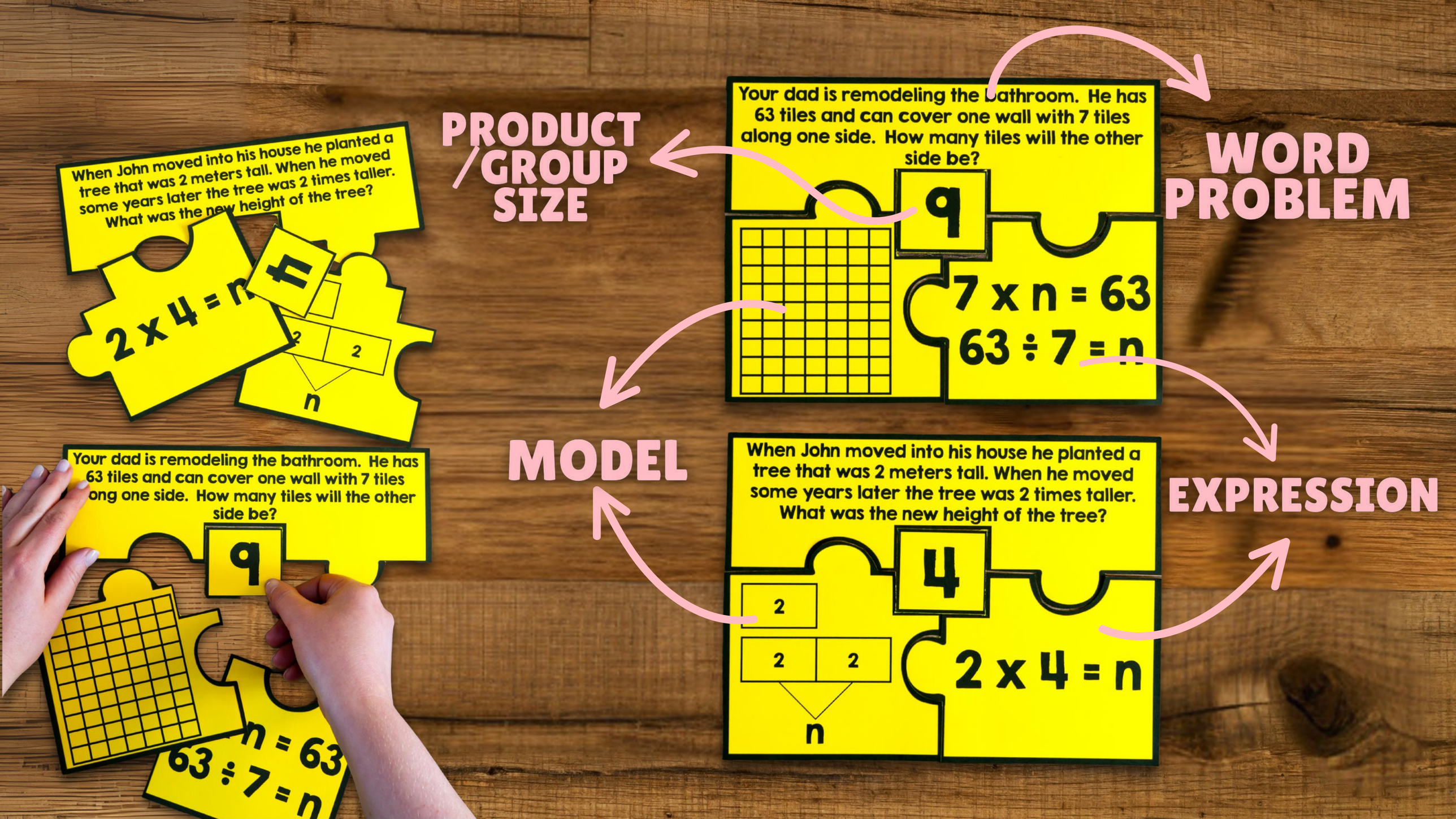
27

9

9 x n = 27

27 ÷ 9 = n

COMPARE


When John moved into his house he planted a tree that was 2 meters tall. When he moved some years later the tree was 2 times taller. What was the new height of the tree?
2 x 4 = n
n
2
2
n
Your dad is remodeling the bathroom. He has 63 tiles and can cover one wall with 7 tiles ong one side. How many tiles will the other side be?
9
n = 63
63 ÷ 7 = n
PRODUCT /GROUP SIZE
Your dad is remodeling the bathroom. He has 63 tiles and can cover one wall with 7 tiles along one side. How many tiles will the other side be?
9
7 x n = 63
63 ÷ 7 = n
WORD PROBLEM
MODEL
When John moved into his house he planted a tree that was 2 meters tall. When he moved some years later the tree was 2 times taller. What was the new height of the tree?
4
2
2
2
n
2 x 4 = n
EXPRESSION

TEACHERS LOVE IT!

"This is a great resource to use in center or small group times that students have to figure out problems and understand exactly what the problem is asking."

tiffany s.



I am so glad I came across these cards. I needed something to put in their busy basket that aligns with the math standards. Thank you!

Vonessia L.



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