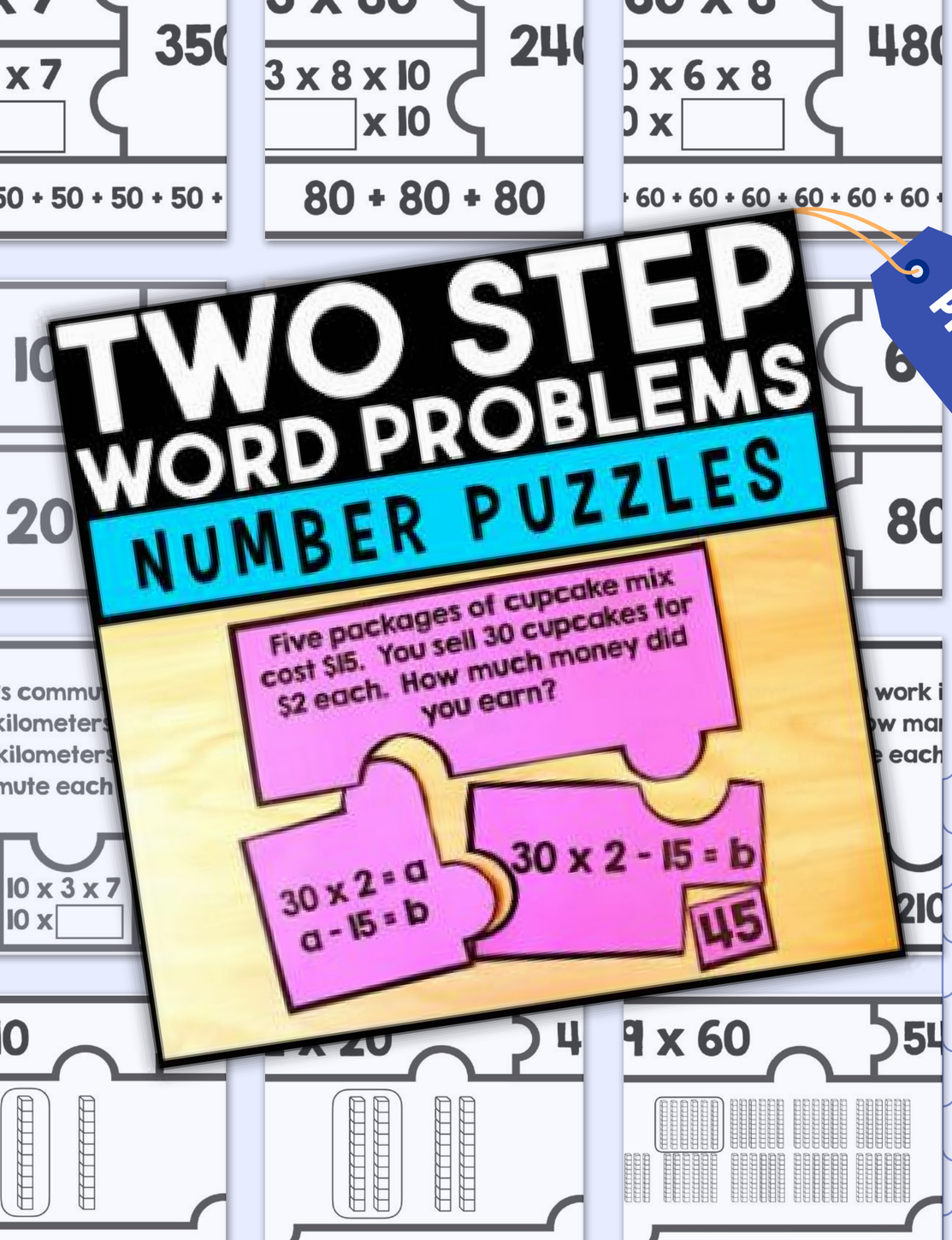


GRADE LEVEL 3RD

Number PUZZLES

TWO-STEP EQUATIONS WORD PROBLEMS

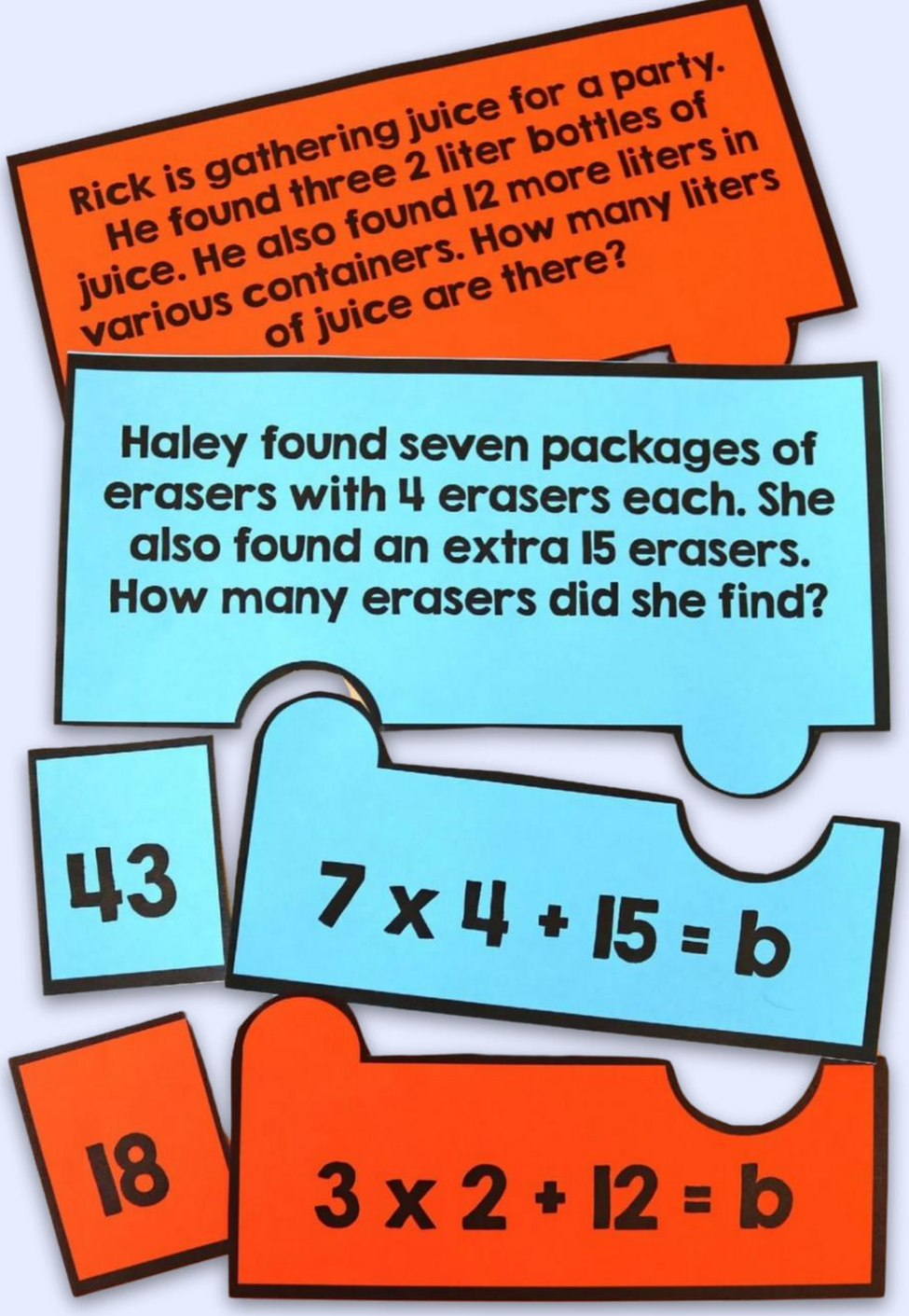
Solve for Unknown 3rd Grade Math Center Puzzles

KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED?

✓ Included Puzzle Types:

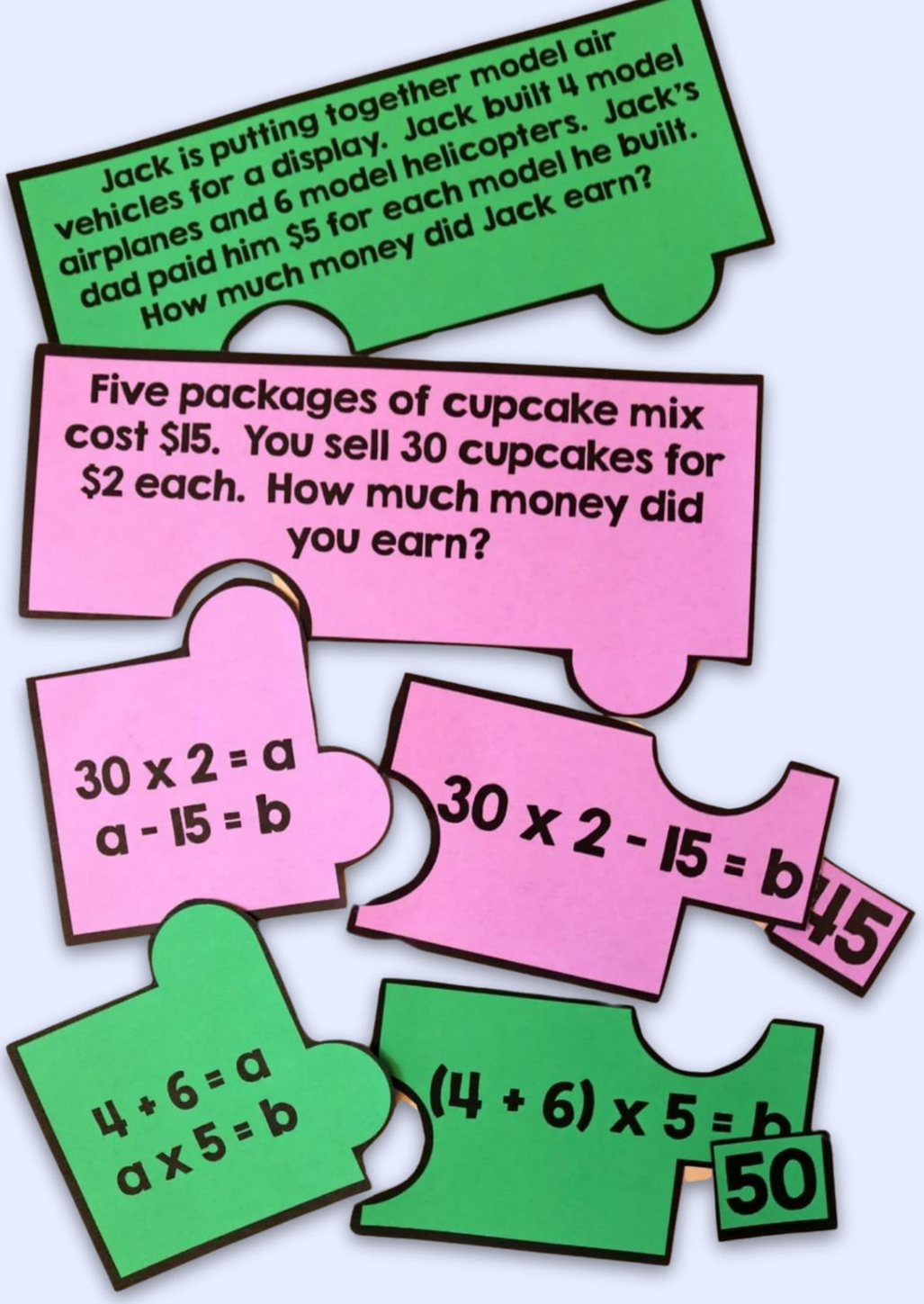
- Two equations for two steps (12 puzzles)
- One equation with two steps (with and without parentheses) (12 puzzles)
- Combined puzzle types (12 puzzles)



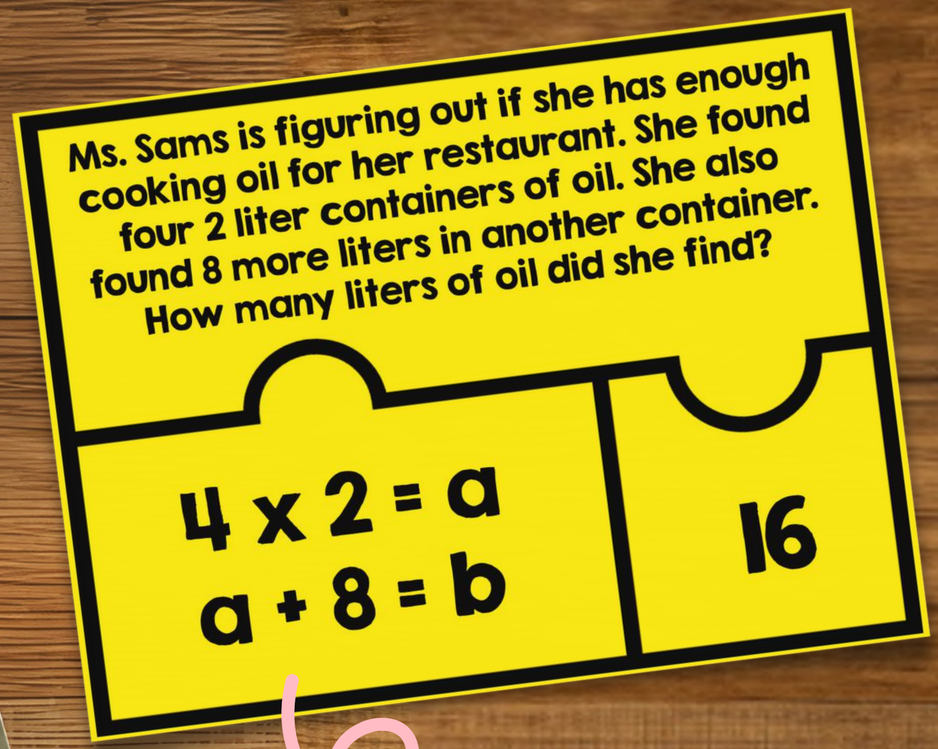
ACTIVITY OVERVIEW

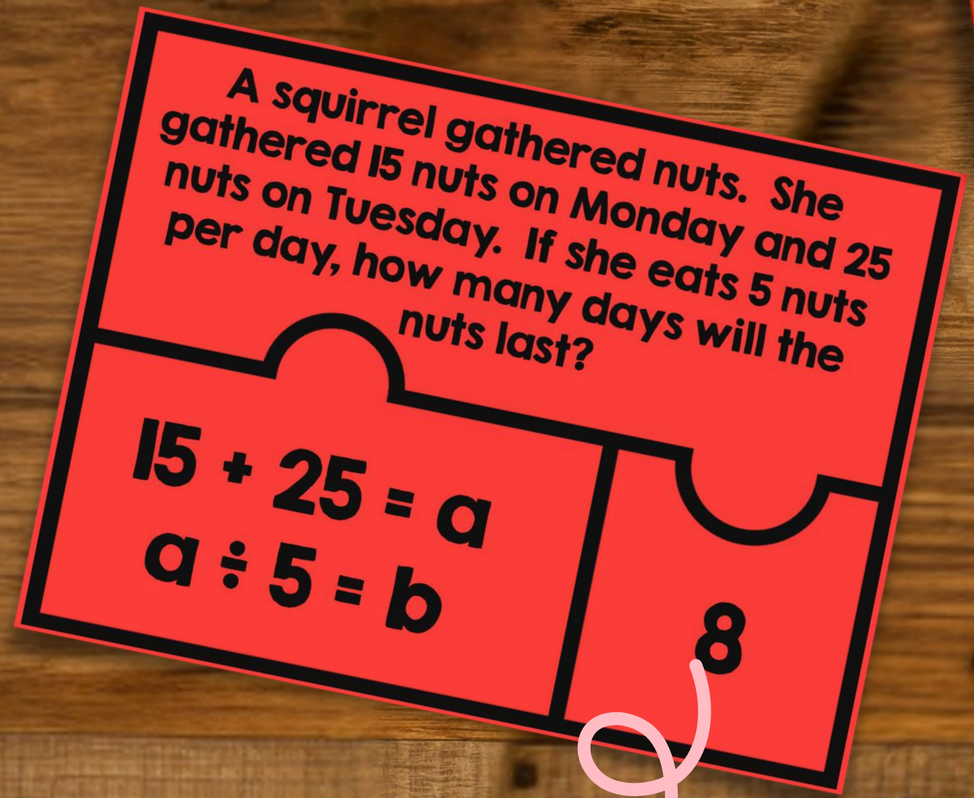
Students build problem-solving skills by solving two-step word problems using all four operations—then matching the equations and answers to complete each puzzle.

- Covers a variety of equation formats, including unknowns in different positions and the use of parentheses.



SAMPLE PAGES & ACTIVITIES





TWO EQUATIONS & ANSWER

Six days ago you put 38 gumdrops in a baggie. You eat the same number of gumdrops each day. You have two gumdrops left. How many did you eat each day?

Ms. Sams is figuring out if she has enough cooking oil for her restaurant. She found four 2 liter containers of oil. She also found 8 more liters in another container. How many liters of oil did she find?

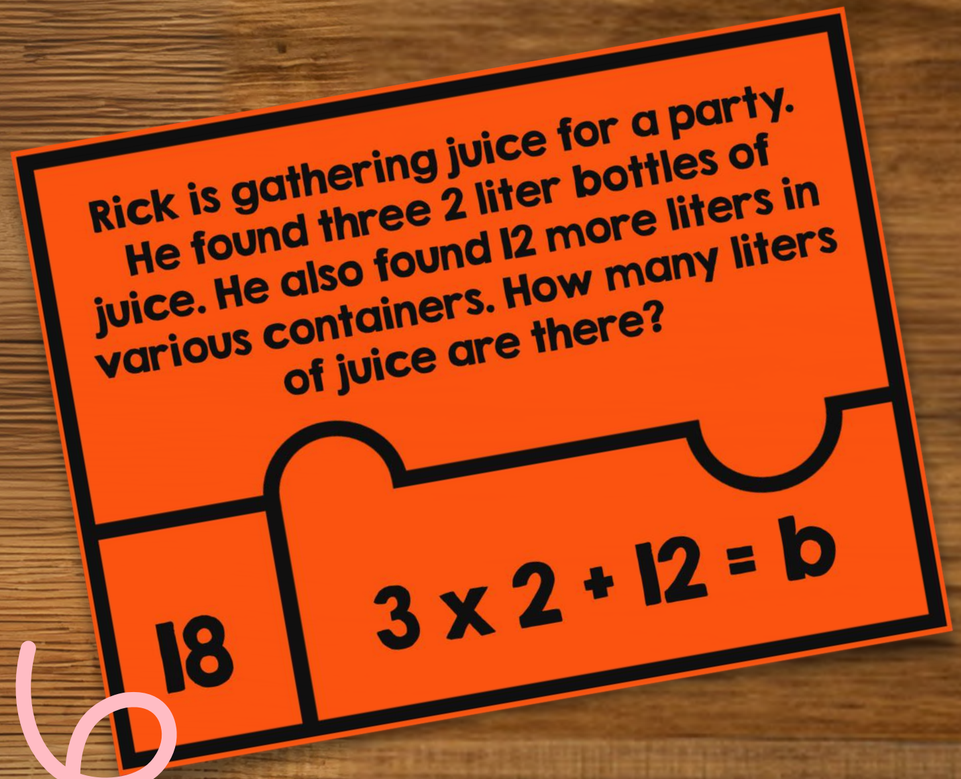
$38 - 2 = a$
$a \div 6 = b$

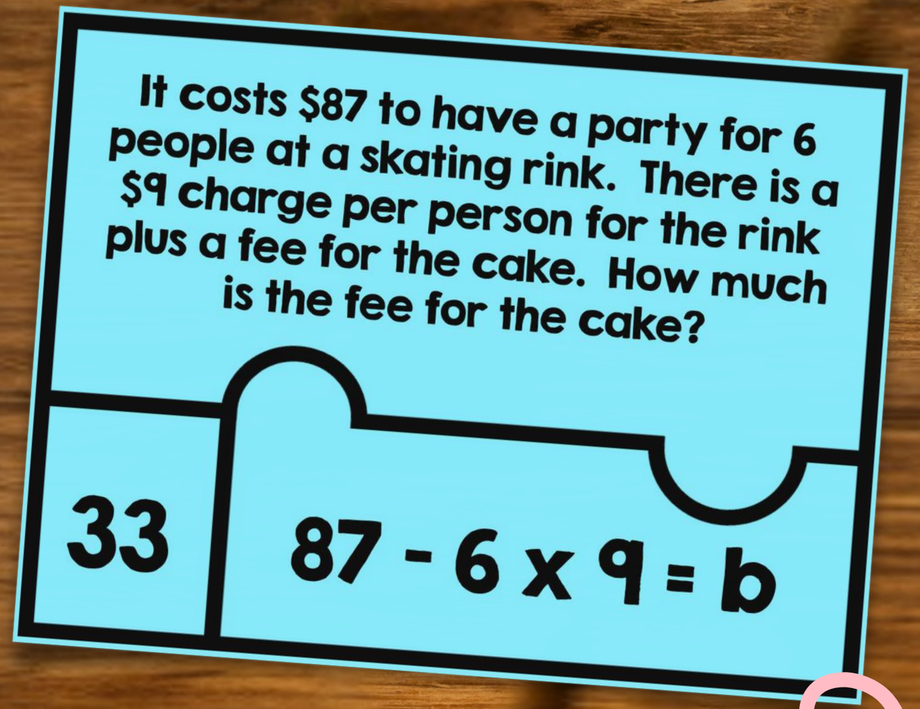
6

$4 \times 2 = a$
$a + 8 = b$

16

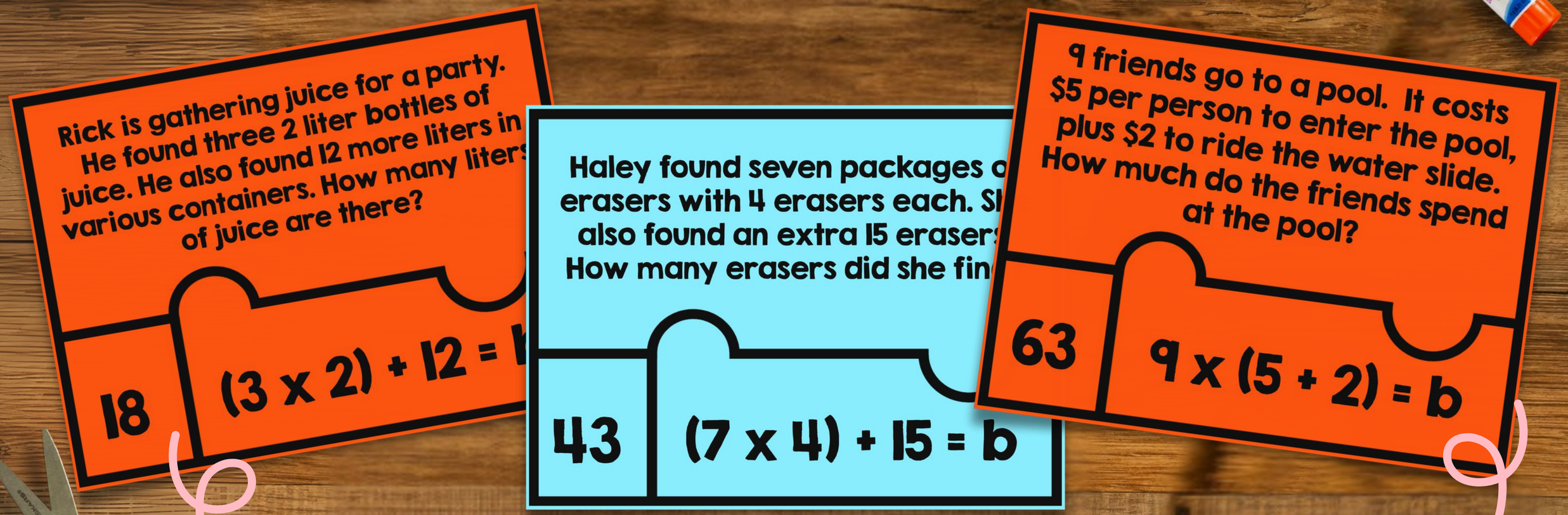
SAMPLE PAGES & ACTIVITIES





ONE EQUATION & ANSWER WITHOUT UNNECESSARY PARENTHESIS

SAMPLE PAGES & ACTIVITIES



ONE EQUATION & ANSWER WITH PARENTHESIS

Rick is gathering juice for a party. He found three 2 liter bottles of juice. He also found 12 more liters in various containers. How many liters of juice are there?

Haley found seven packages of erasers with 4 erasers each. She also found an extra 15 erasers. How many erasers did she find?

43

$7 \times 4 + 15 = b$

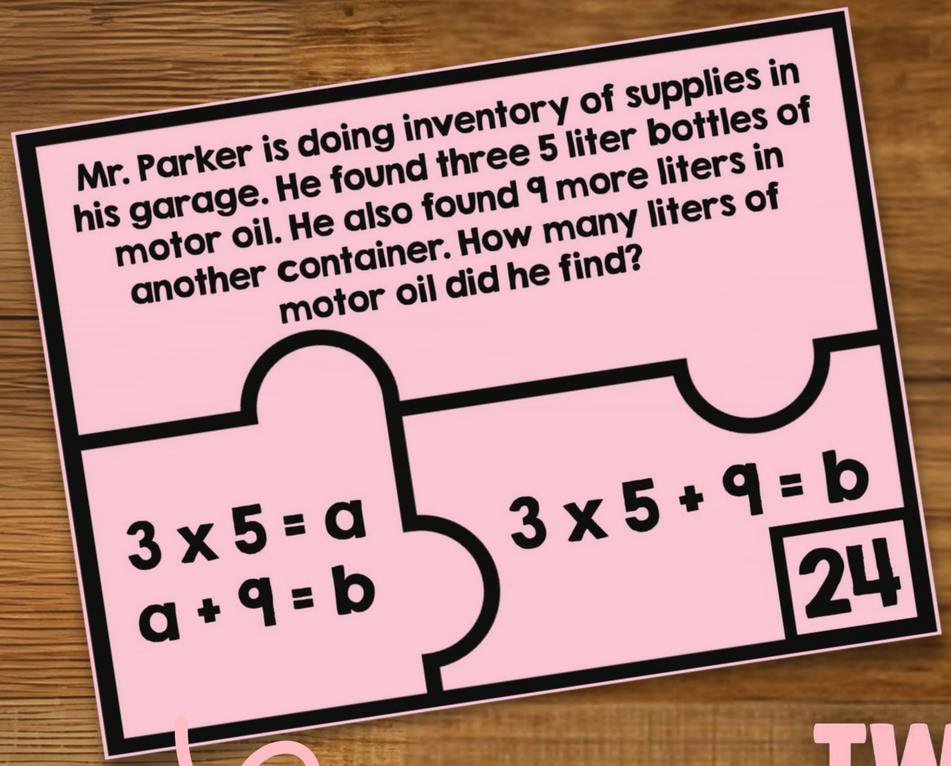
18

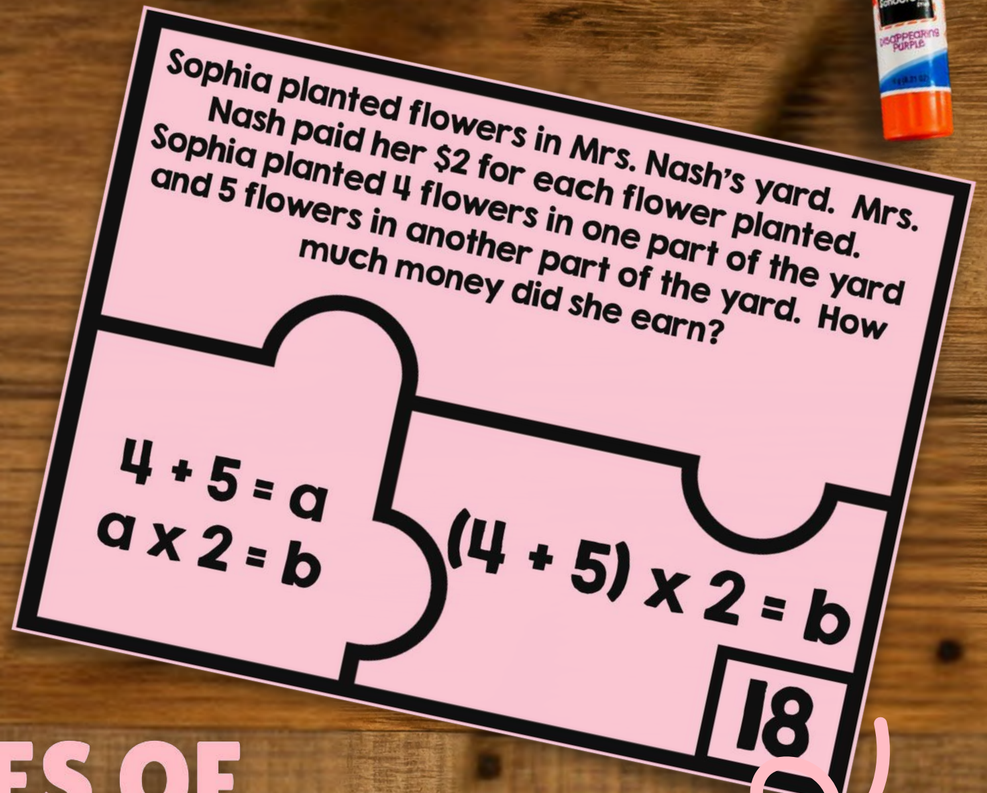
$3 \times 2 + 12 = b$





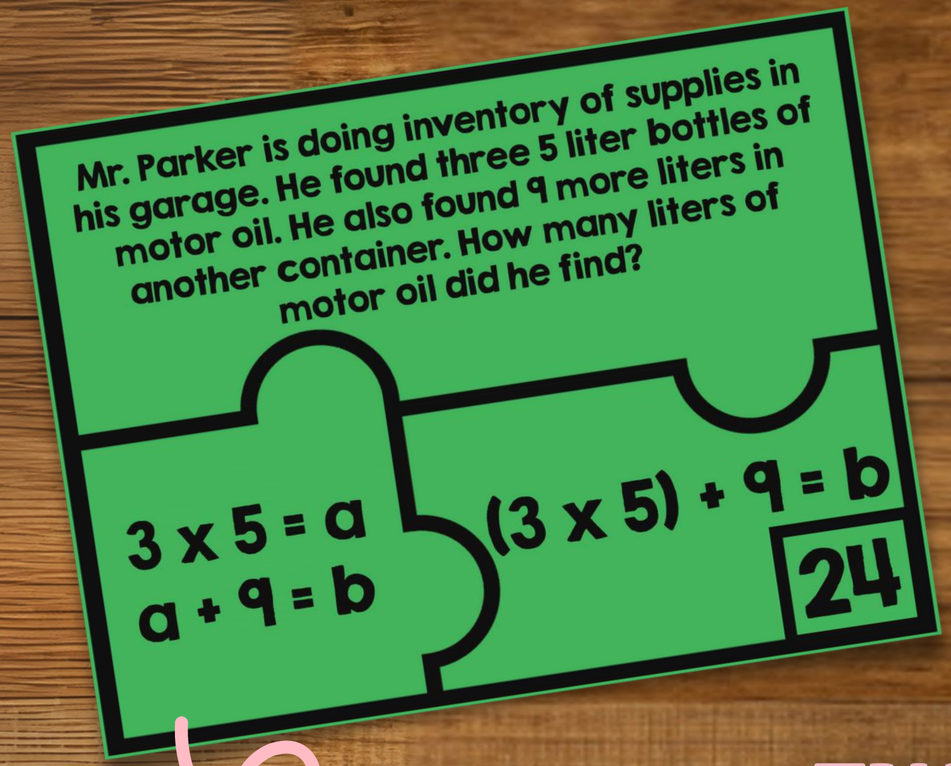
SAMPLE PAGES & ACTIVITIES

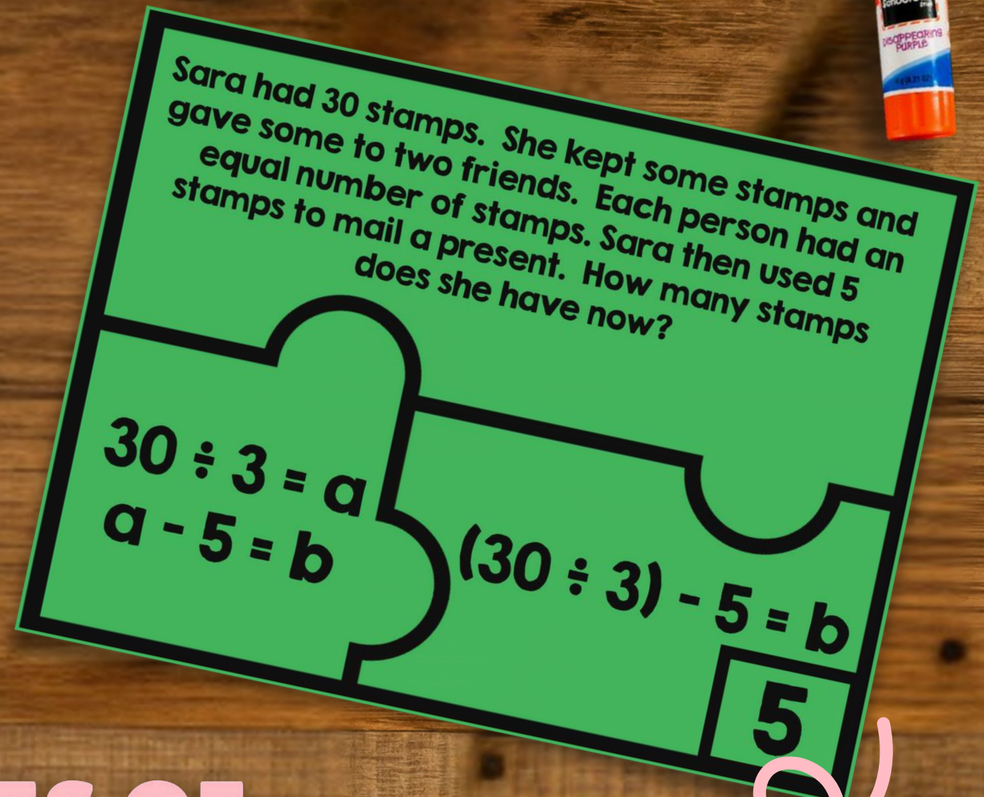




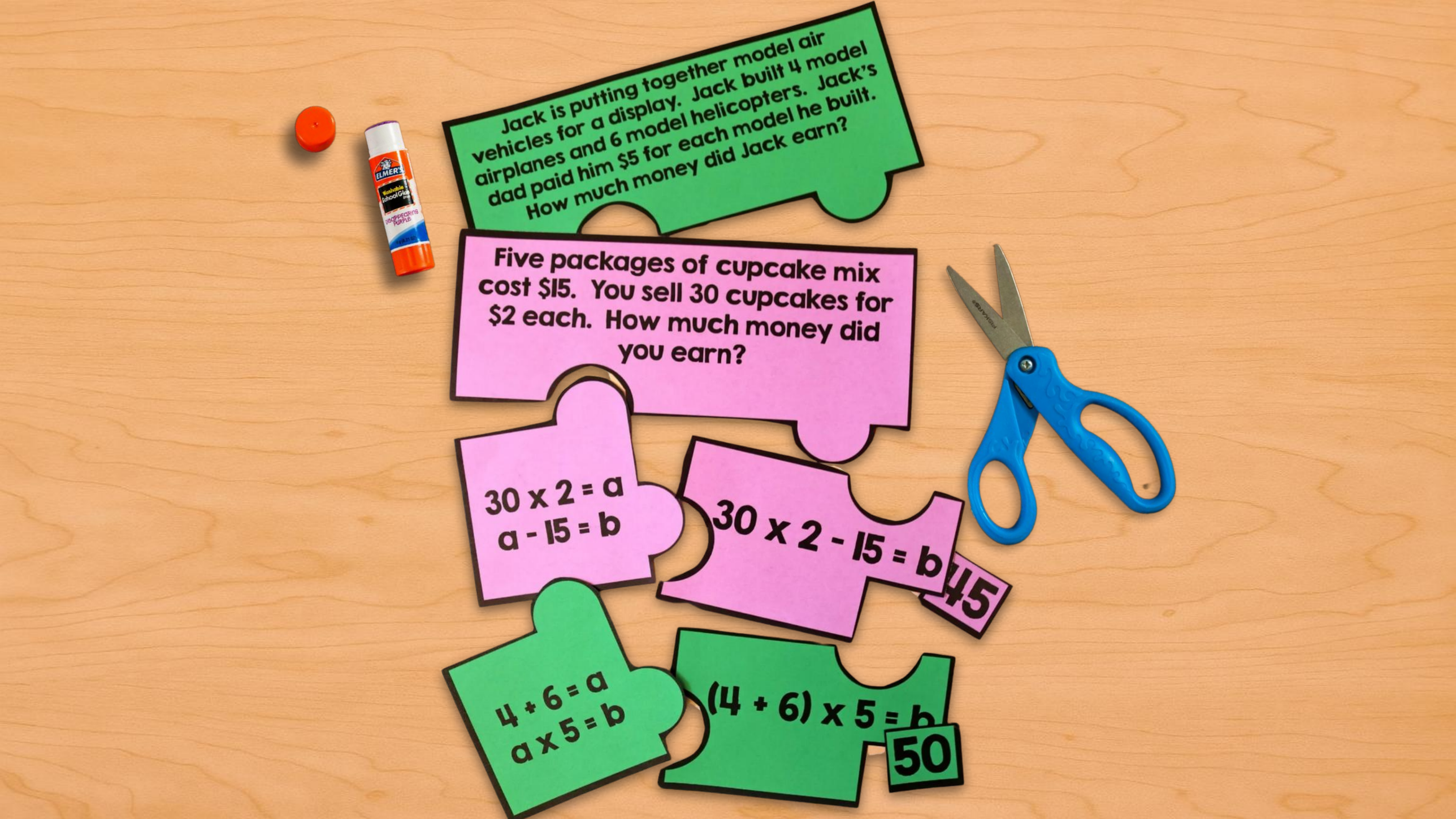
TWO TYPES OF EQUATIONS & ANSWER WITHOUT UNNECESSARY PARENTHESIS

SAMPLE PAGES & ACTIVITIES





TWO TYPES OF EQUATIONS & ANSWER WITH PARENTHESIS


Jack is putting together model air vehicles for a display. Jack built 4 model airplanes and 6 model helicopters. Jack's dad paid him $5 for each model he built. How much money did Jack earn?
Five packages of cupcake mix cost $15. You sell 30 cupcakes for $2 each. How much money did you earn?
30 x 2 = a
a - 15 = b
30 x 2 - 15 = b
45
4 + 6 = a
a x 5 = b
(4 + 6) x 5 = b
50
ELMER'S
Washable School Glue
DISAPPEARING PURPLE

YOU WILL LOVE THIS BECAUSE



Equations with Unknowns in Varied Positions

Students practice flexibility with missing numbers in any part of the equation, reinforcing deeper understanding of operational structure and problem solving.



Covers All Four Operations in Two-Step Problems

Engages students with two-step word problems involving addition, subtraction, multiplication, and division in a format aligned to problem-solving standards.



Builds Equation Reasoning with or without Parentheses

Multiple formats teach students to interpret and write equations with correct order of operations, strengthening algebraic thinking and precision.

TEACHERS LOVE IT!

This is the resource I have been looking for! My students are able to solve problems in steps, but struggle with creating one equation for the problem. This allows them to practice recognizing the equation for a problem.

Hannah C.



Two step word problems are always a challenge for 3rd graders. This has been a valuable resource to use with students when they have the Teacher Table rotation - allowing them to find/see the 2 steps required for each specific word problem.

Becky S.



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