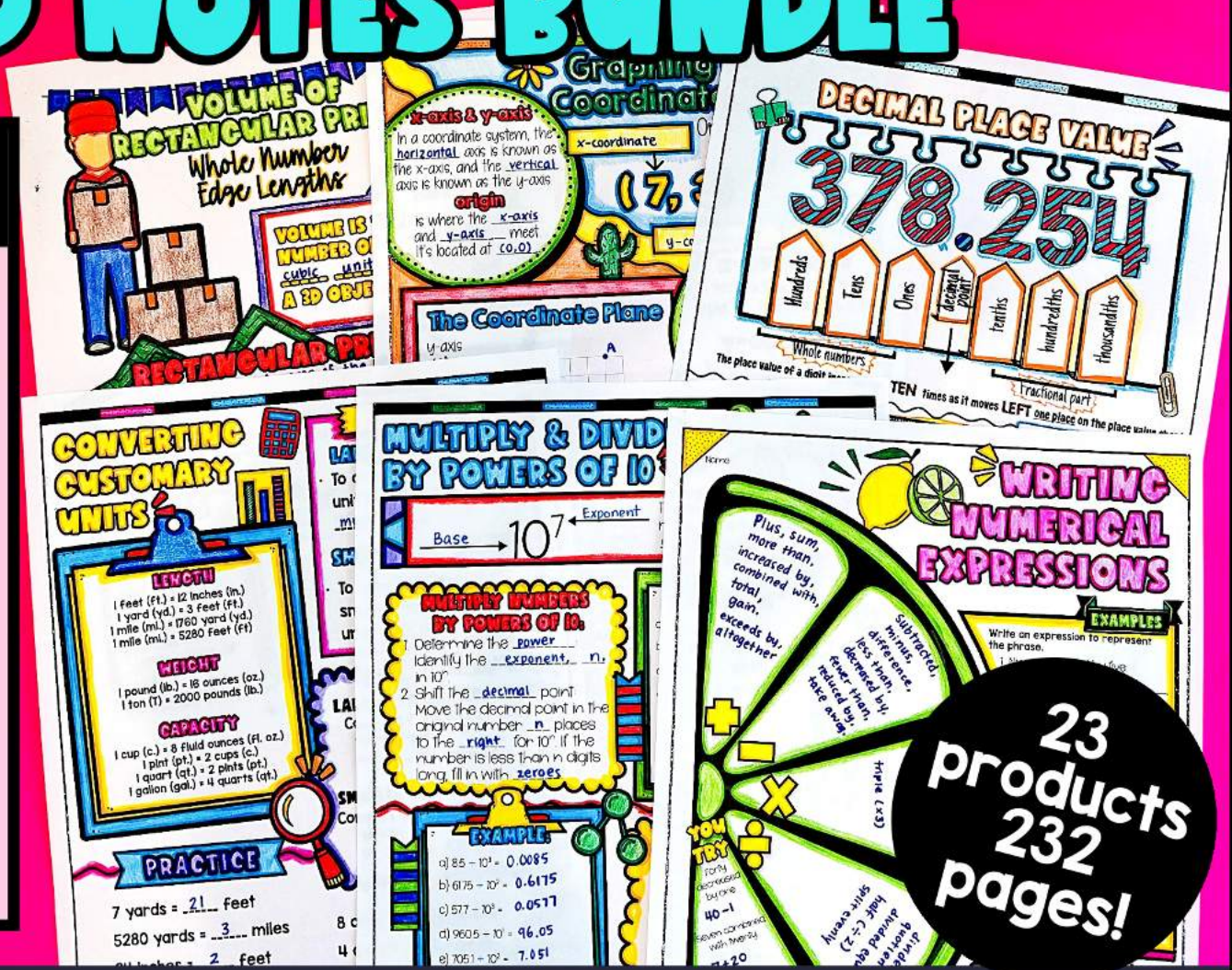
5TH GRADE CCSS - UNIT BUNDLE

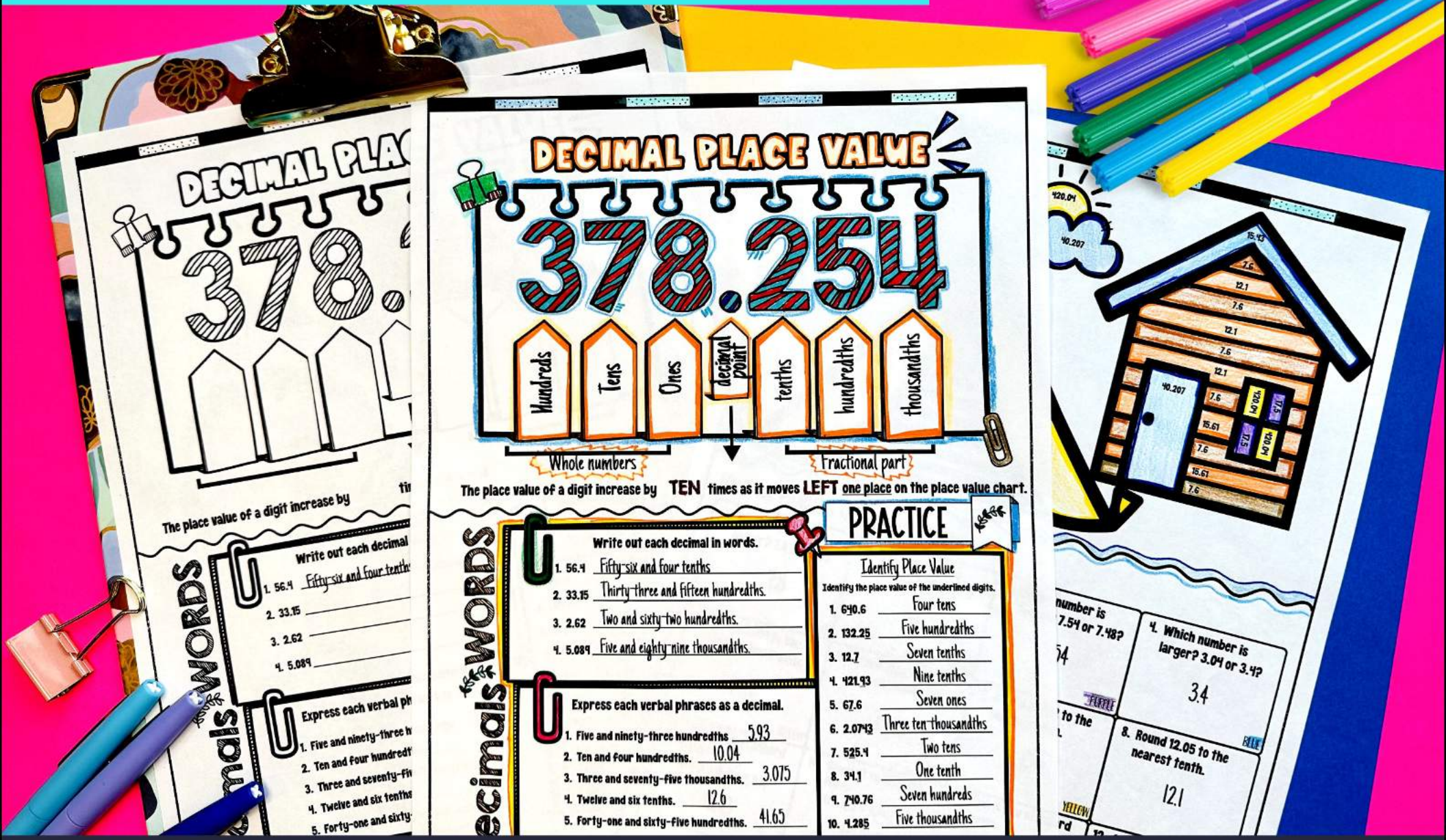
5TH GRADE CCSS GUIDED NOTES BUNDLE

Guided Notes Units

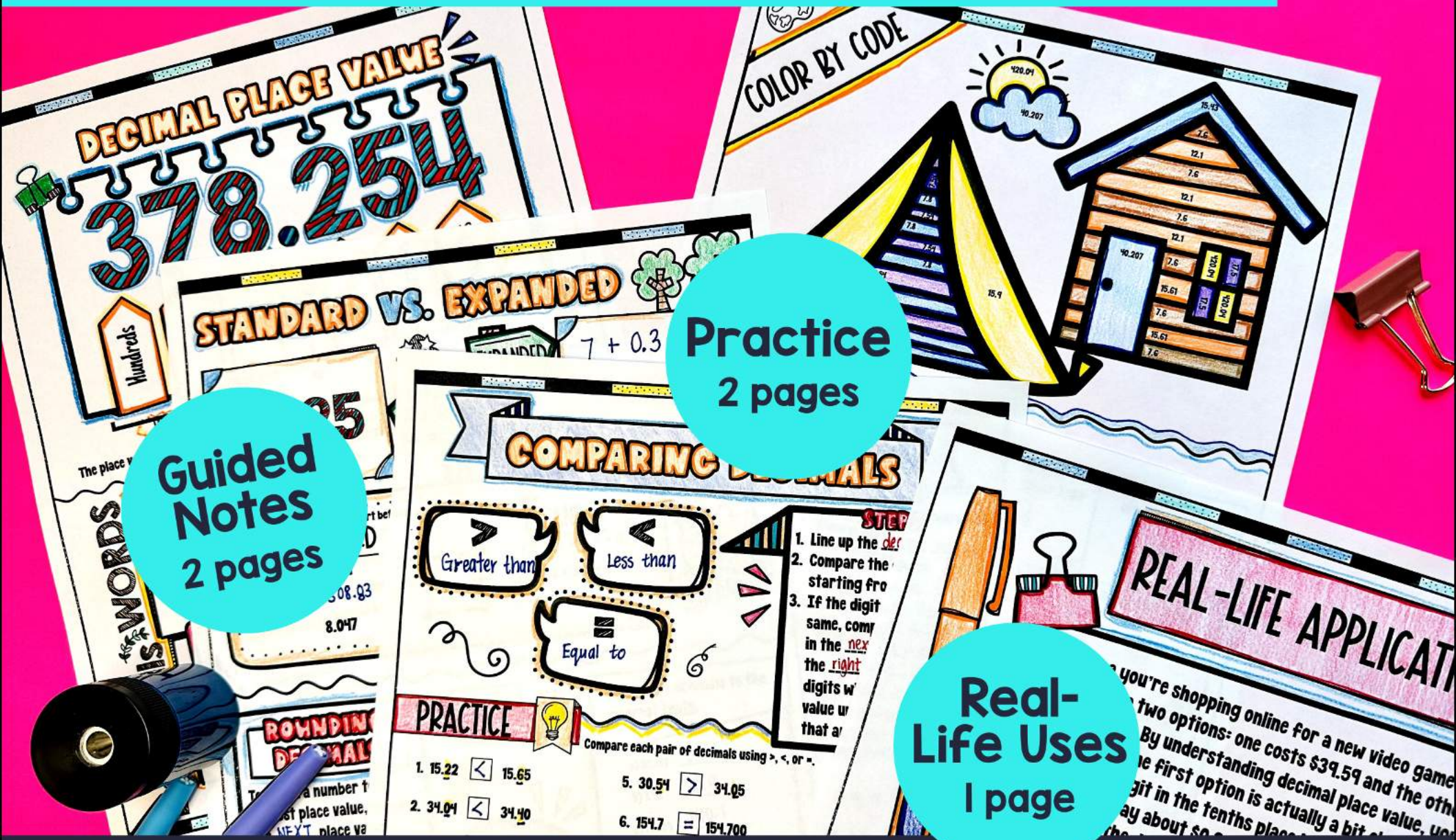
1. Decimal Place Value and Powers of 10s
2. Number & Decimal Operations
3. Number Patterns & Expressions
4. Fractions
5. Measurement Units & Interpreting Data
6. Geometry
7. Volume



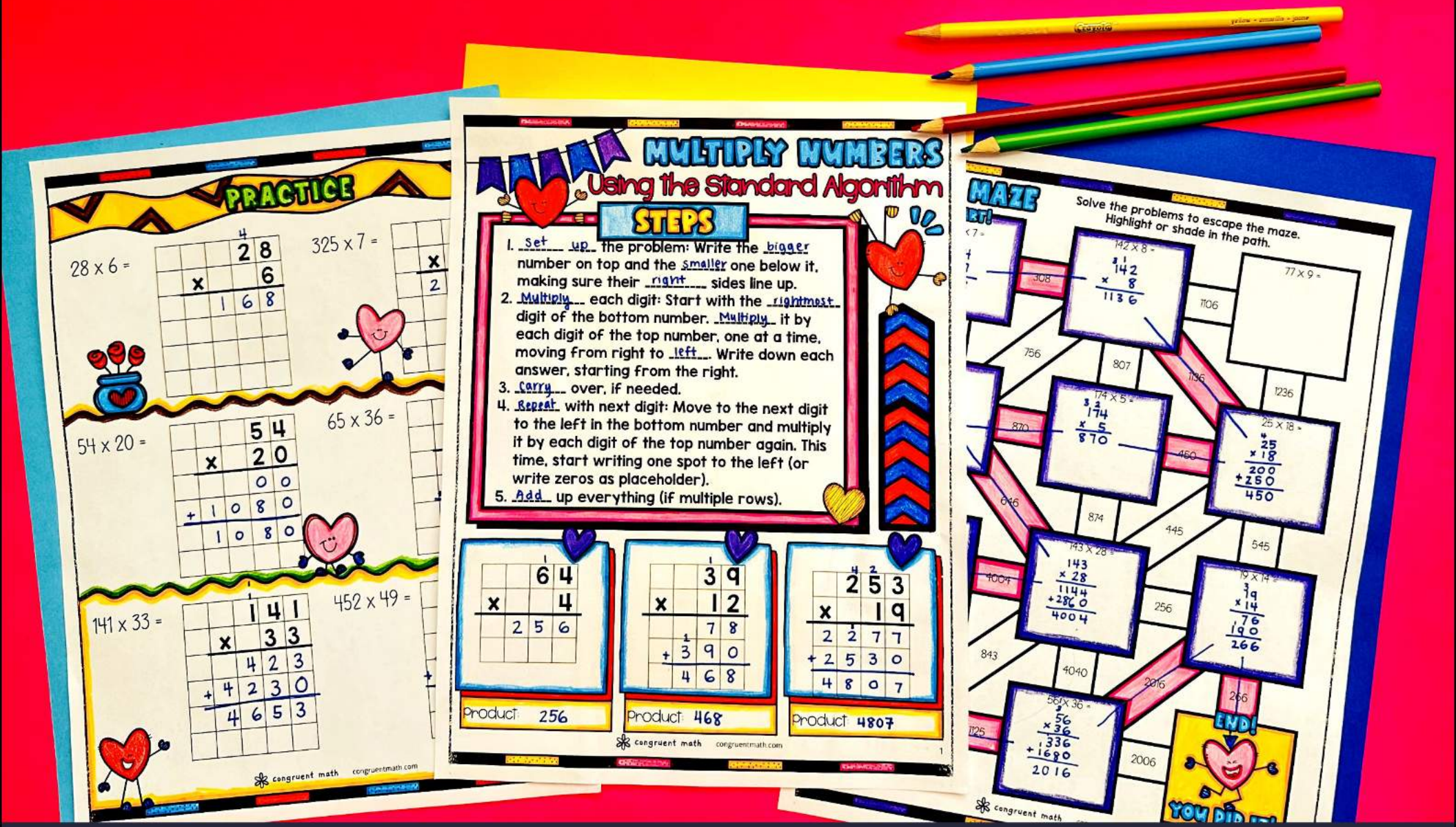
Fun and engaging notes!

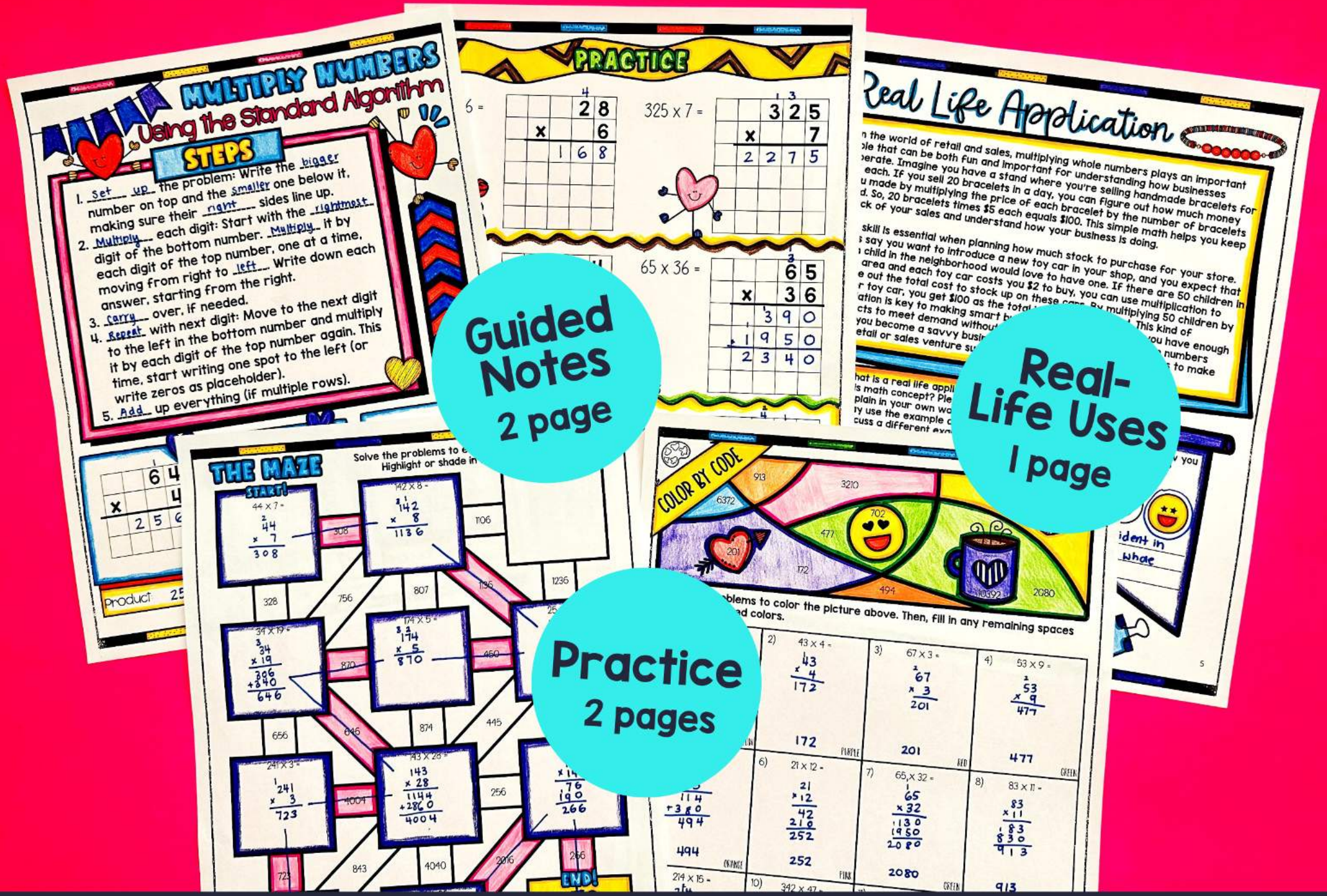


Every set of guided notes includes
sketch notes, practice, and real-life applications.

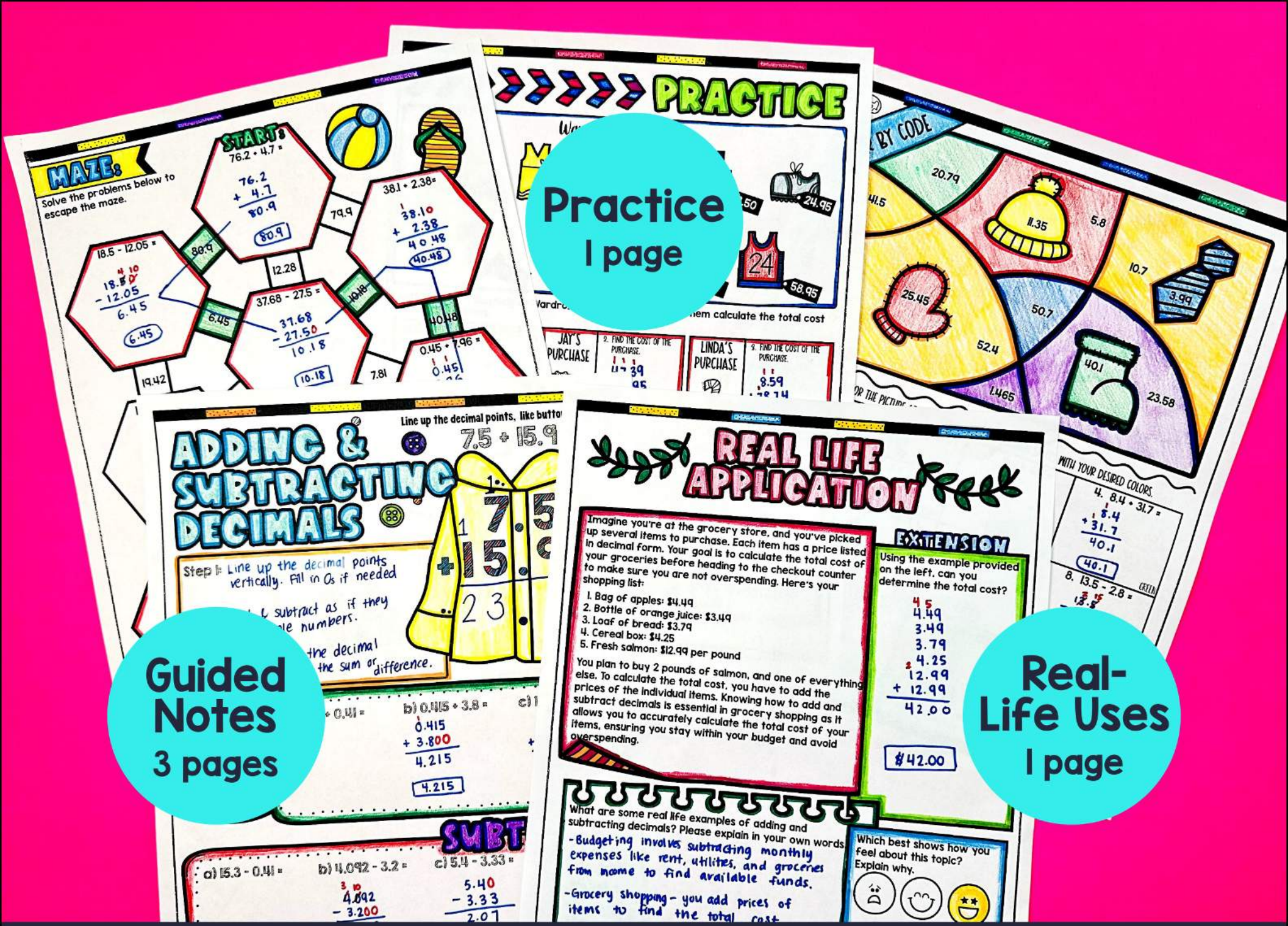


Variety of practice activities incorporated!

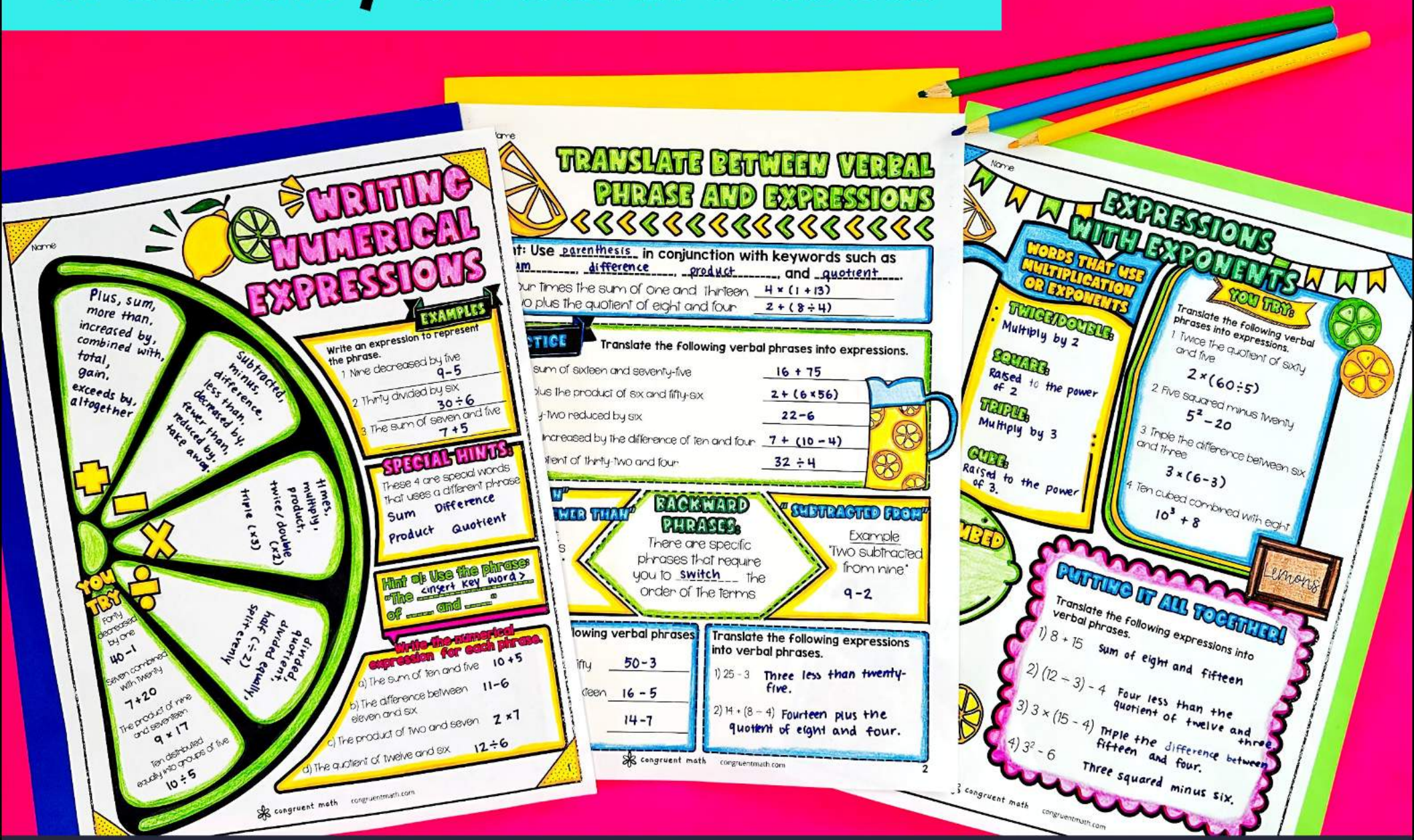


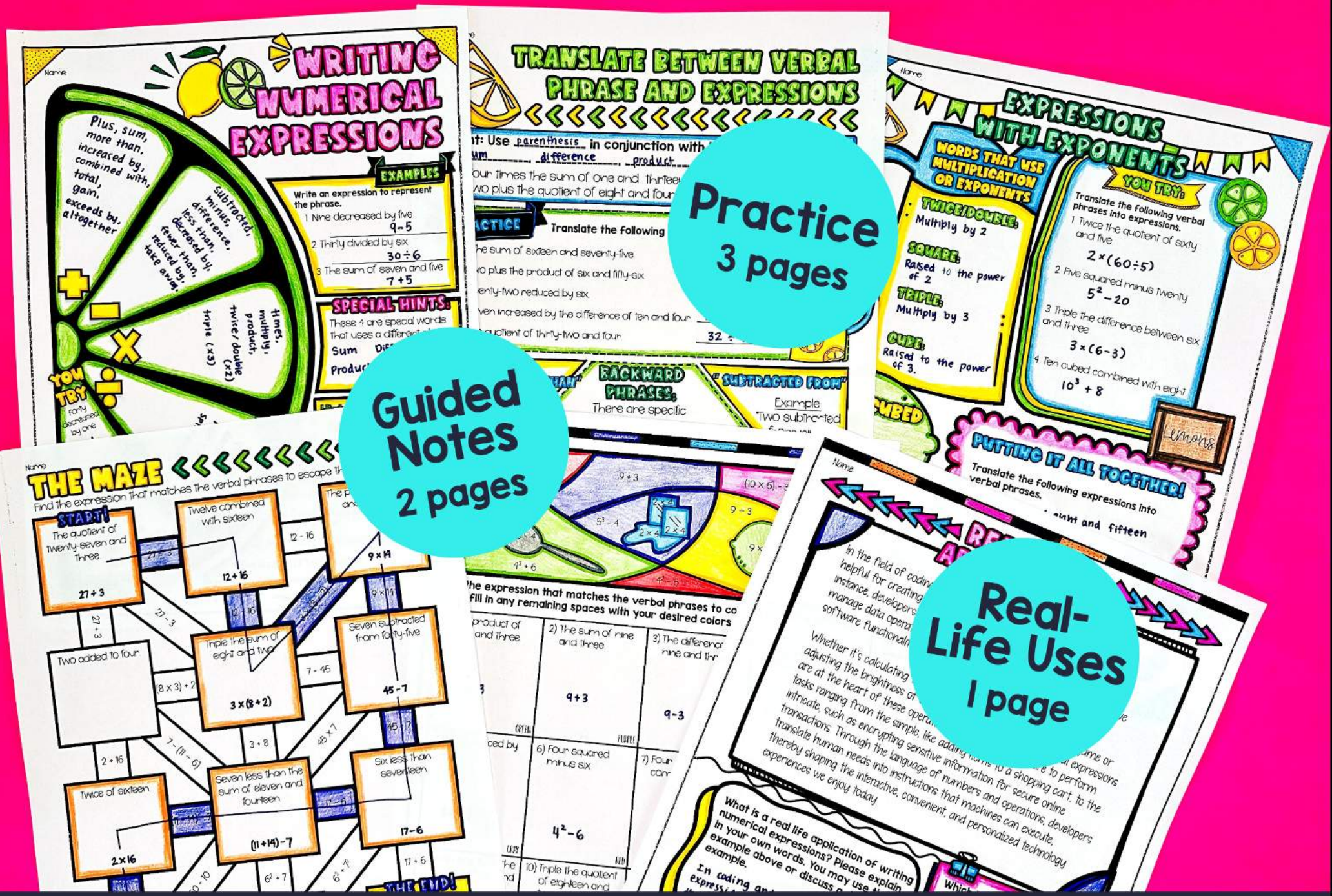

MULTIPLY NUMBERS
Using the Standard Algorithm
STEPS
1. Set up the problem: Write the bigger number on top and the smaller one below it, making sure their right sides line up.
2. Multiply each digit: Start with the rightmost digit of the bottom number. Multiply it by each digit of the top number, one at a time, moving from right to left. Write down each answer, starting from the right.
3. Carry over, if needed.
4. Repeat with next digit: Move to the next digit to the left in the bottom number and multiply it by each digit of the top number again. This time, start writing one spot to the left (or write zeros as placeholder).
5. Add up everything (if multiple rows).
Product
PRACTICE
325 x 7 =
65 x 36 =
Real Life Application
THE MAZE
START
END
COLOR BY CODE
Guided Notes
2 page
Real-Life Uses
1 page
Practice
2 pages

Colorful and visual notes!


MAZE:
Solve the problems below to escape the maze.
START
76.2 + 4.7 =
80.9
38.1 + 2.38 =
40.48
18.5 - 12.05 =
6.45
37.68 - 27.5 =
10.18
0.45 + 7.96 =
PRACTICE
Practice
1 page
BY CODE
ADDING & SUBTRACTING DECIMALS
Line up the decimal points, like buttons
Step 1: Line up the decimal points vertically. Fill in 0s if needed
Guided Notes
3 pages
REAL LIFE APPLICATION
Imagine you're at the grocery store, and you've picked up several items to purchase. Each item has a price listed in decimal form. Your goal is to calculate the total cost of your groceries before heading to the checkout counter to make sure you are not overspending. Here's your shopping list:
1. Bag of apples: $4.49
2. Bottle of orange juice: $3.49
3. Loaf of bread: $3.79
4. Cereal box: $4.25
5. Fresh salmon: $12.99 per pound
You plan to buy 2 pounds of salmon, and one of everything else. To calculate the total cost, you have to add the prices of the individual items. Knowing how to add and subtract decimals is essential in grocery shopping as it allows you to accurately calculate the total cost of your items, ensuring you stay within your budget and avoid overspending.
EXTENSION
Using the example provided on the left, can you determine the total cost?
$42.00
What are some real life examples of adding and subtracting decimals? Please explain in your own words.
-Budgeting involves subtracting monthly expenses like rent, utilities, and groceries from income to find available funds.
-Grocery shopping - you add prices of items to find the total cost
Which best shows how you feel about this topic? Explain why.
Real-Life Uses
1 page

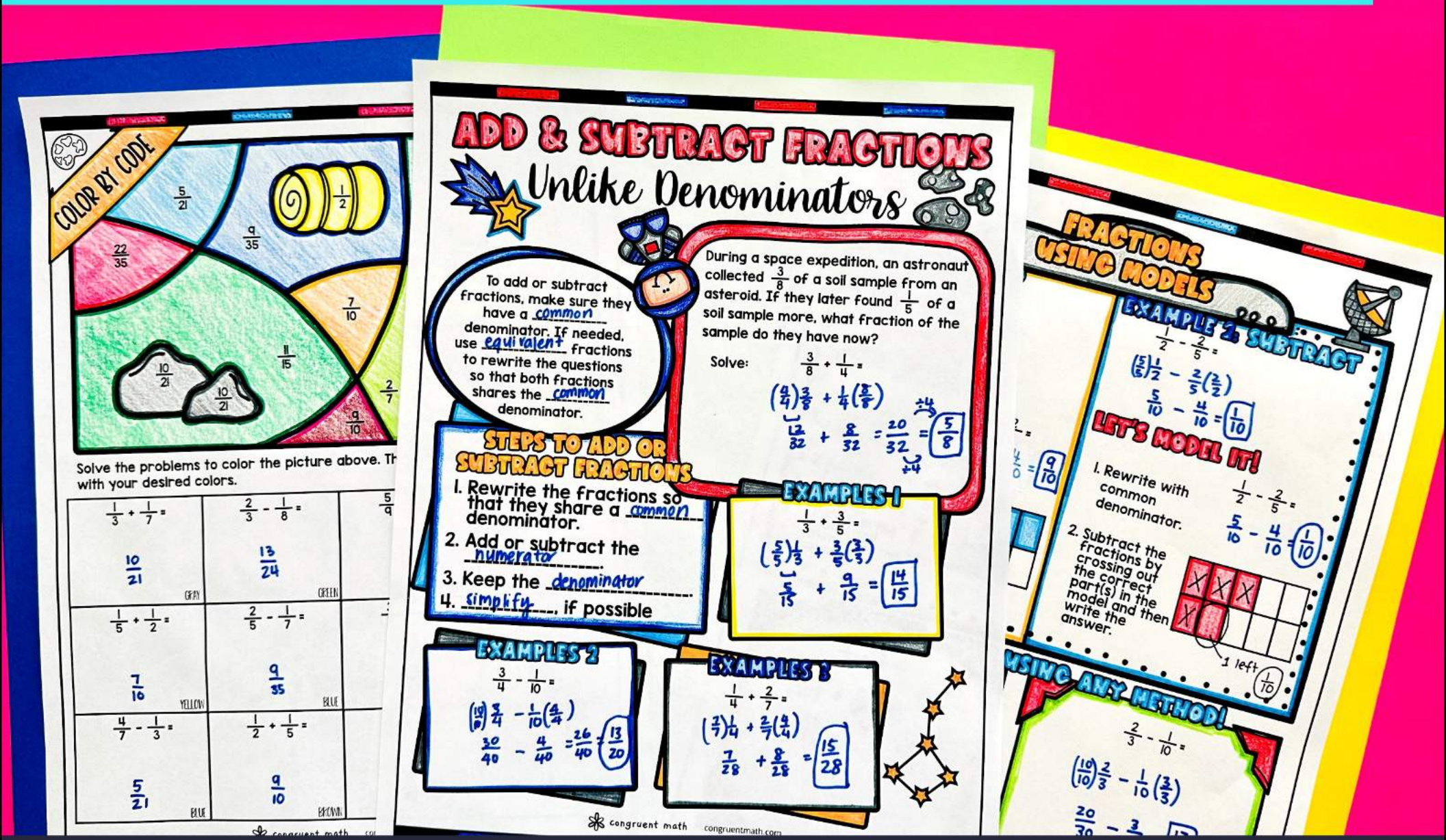
Sketch notes infused with creativity & real life uses!




WRITING NUMERICAL EXPRESSIONS
Plus, sum, more than, increased by, combined with, total, gain, exceeds by, altogether
Subtracted, minus, difference, less than, decreased by, fewer than, reduced by, take away
times, multiply, product, twice/double (x2), triple (x3)
EXAMPLES
Write an expression to represent the phrase.
1 Nine decreased by five
9-5
2 Thirty divided by six
30÷6
3 The sum of seven and five
7+5
SPECIAL HINTS:
These 4 are special words that uses a different
Sum
Product
YOU TRY
forty decreased by one
TRANSLATE BETWEEN VERBAL PHRASE AND EXPRESSIONS
Use parenthesis in conjunction with
sum
difference
product
four times the sum of one and thirteen
two plus the quotient of eight and four
PRACTICE
Translate the following
the sum of sixteen and seventy-five
two plus the product of six and fifty-six
seventy-two reduced by six
seven increased by the difference of ten and four
the quotient of thirty-two and four
32 ÷
BACKWARD PHRASES:
There are specific
"SUBTRACTED FROM"
Example
Two subtracted
EXPRESSIONS WITH EXPONENTS
WORDS THAT USE MULTIPLICATION OR EXPONENTS
TWICE/DOUBLE:
Multiply by 2
SQUARE:
Raised to the power of 2
TRIPLE:
Multiply by 3
CUBE:
Raised to the power of 3.
YOU TRY:
Translate the following verbal phrases into expressions.
1 Twice the quotient of sixty and five
2×(60÷5)
2 Five squared minus twenty
5²-20
3 Triple the difference between six and three
3×(6-3)
4 Ten cubed combined with eight
10³+8
Lemons
PUTTING IT ALL TOGETHER!
Translate the following expressions into verbal phrases.
THE MAZE
Find the expression that matches the verbal phrases to escape
START!
The quotient of twenty-seven and three
27÷3
Twelve combined with sixteen
12+16
Two added to four
Triple the sum of eight and two
3×(8+2)
Seven subtracted from forty-five
45-7
Twice of sixteen
2×16
Seven less than the sum of eleven and fourteen
(11+14)-7
Six less than seventeen
17-6
THE END!
Find the expression that matches the verbal phrases to co
fill in any remaining spaces with your desired colors
2) The sum of nine and three
9+3
3) The differenc nine and thr
9-3
6) Four squared minus six
4²-6
10) Triple the quotient of eighteen and
Real-Life Uses
In the field of coding
helpful for creating
instance, developers
manage data operat
software functionali
Whether it's calculating
adjusting the brightness of
are at the heart of these opera
tasks ranging from the simple, like adding
intricate, such as encrypting sensitive information for secure online
transactions. Through the language of numbers and operations, developers
translate human needs into instructions that machines can execute,
thereby shaping the interactive, convenient, and personalized technology
experiences we enjoy today.
What is a real life application of writing numerical expressions? Please explain in your own words. You may use
example above or discuss
example.
In coding
Practice
3 pages
Guided Notes
2 pages
Real-Life Uses
1 page

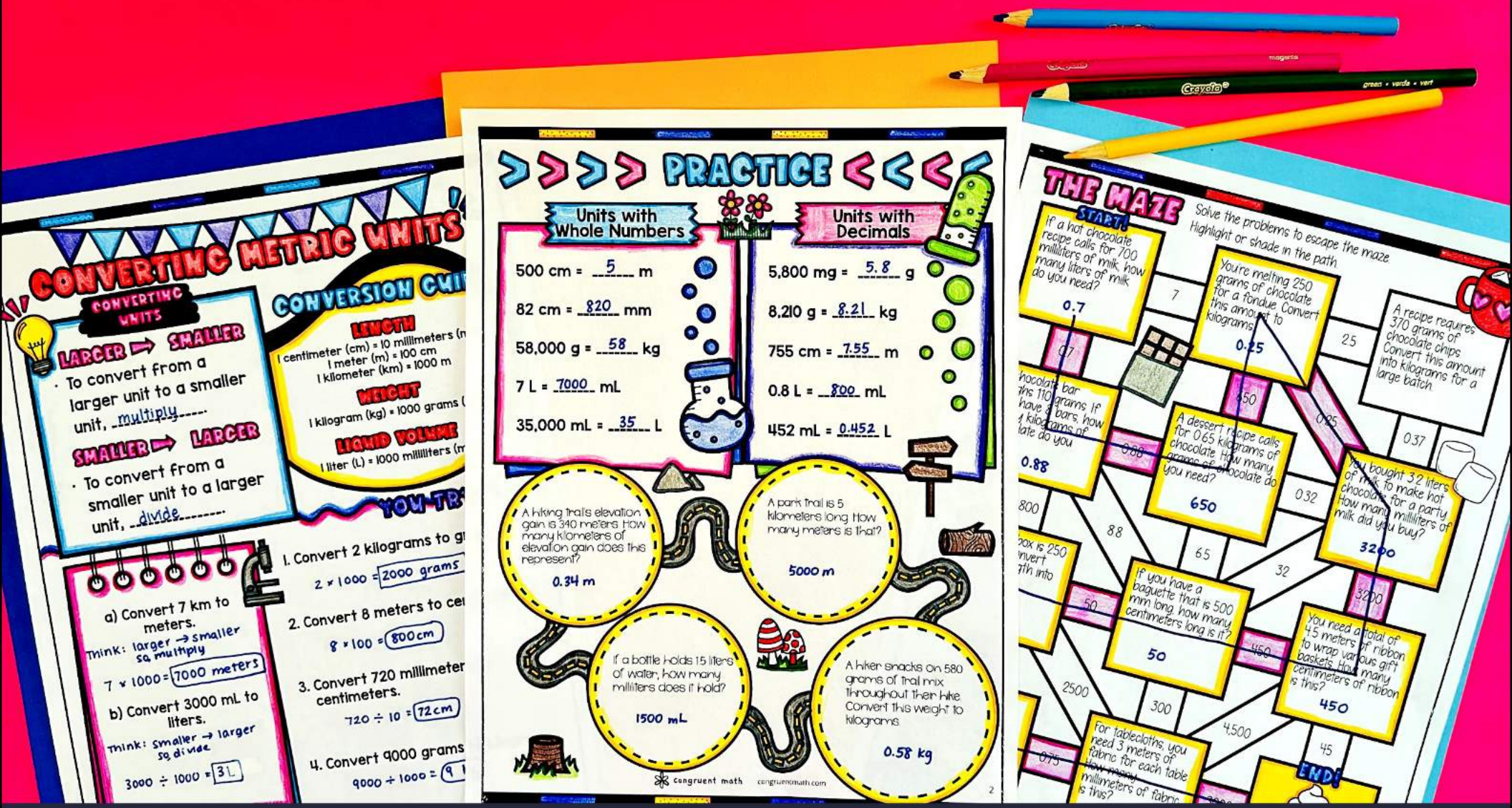
Preview Sample

Adding & Subtracting Fractions with Unlike Denominators

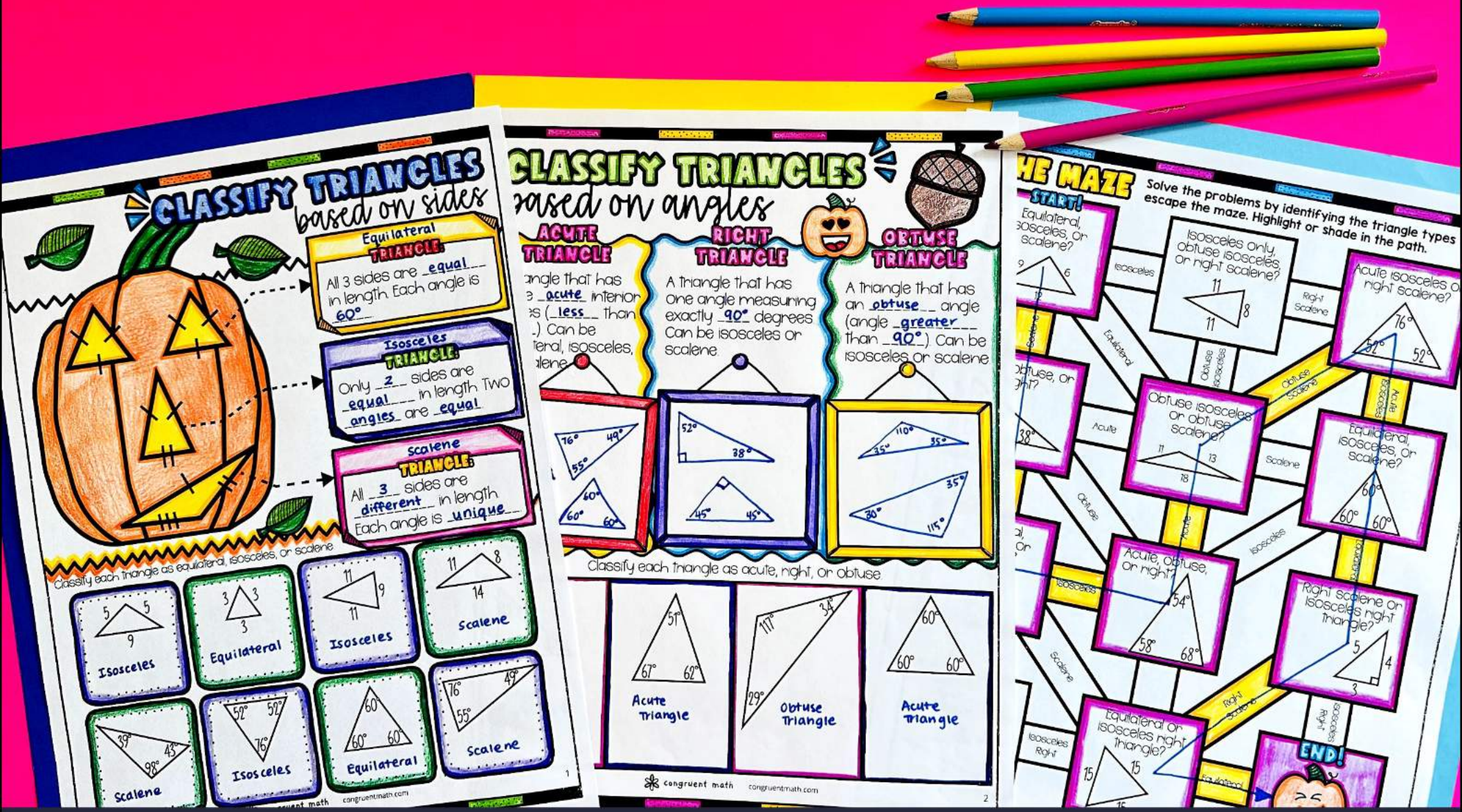


Preview Sample

Converting Metric Units of Measurement



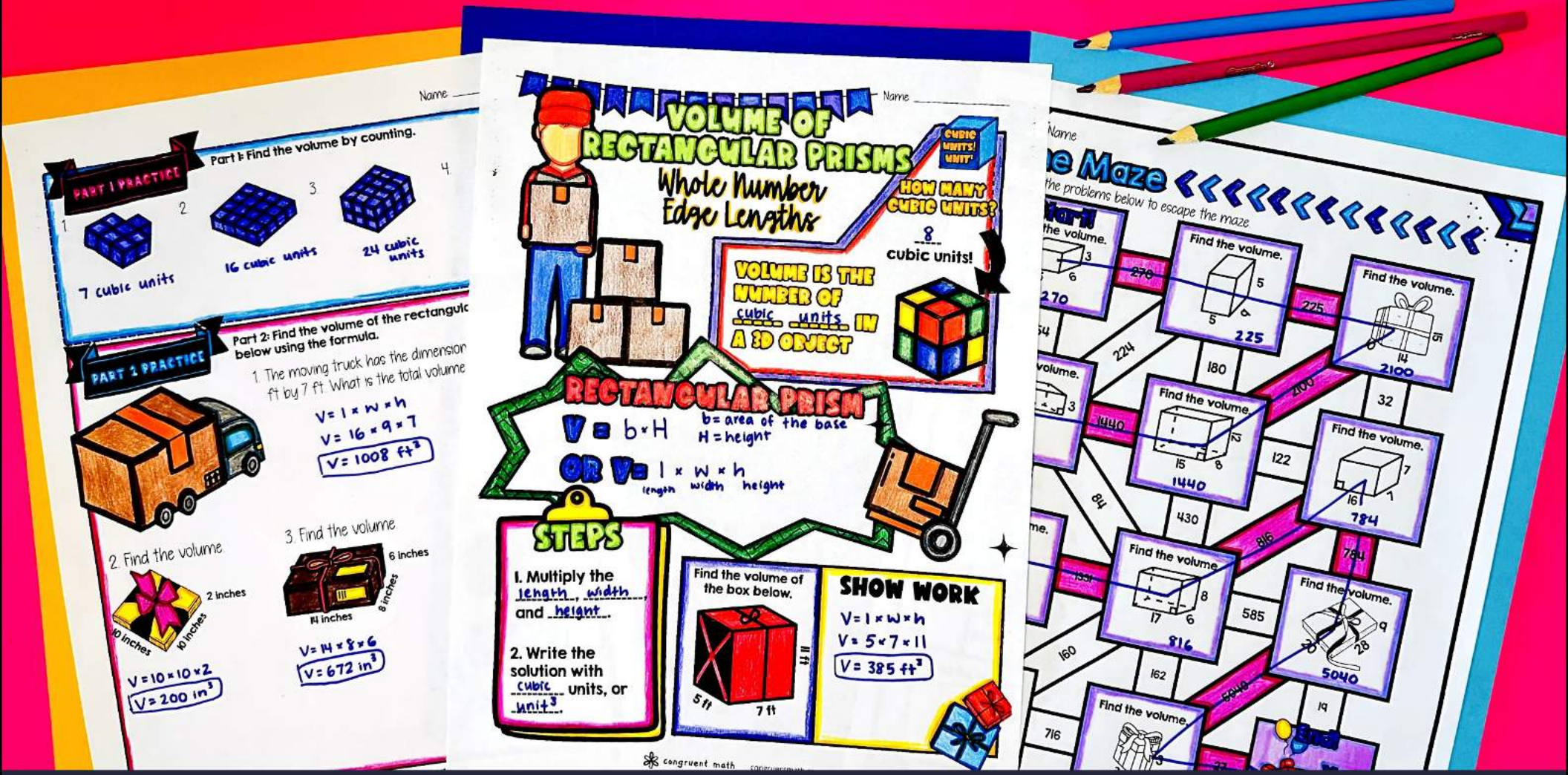
Preview Sample
Classifying Triangles



Preview Sample

Volume of Rectangular Prisms with Whole Number Edge Lengths

10 pages



Teachers say that it's their lifesaver.

★★★★★

"Great resource and a different way to take notes. Students were engaged and used their notes to help them with solving problems later."

- Heather P.

★★★★★

"I used this resource with students who typically struggle to remain engaged in mathematics. They remained very engaged and didn't hesitate to fix mistakes and complete their work. Great resource!"

- Carissa S.

★★★★★

"Loved it! Used it for students' interactive notebooks"

· Desiree L.