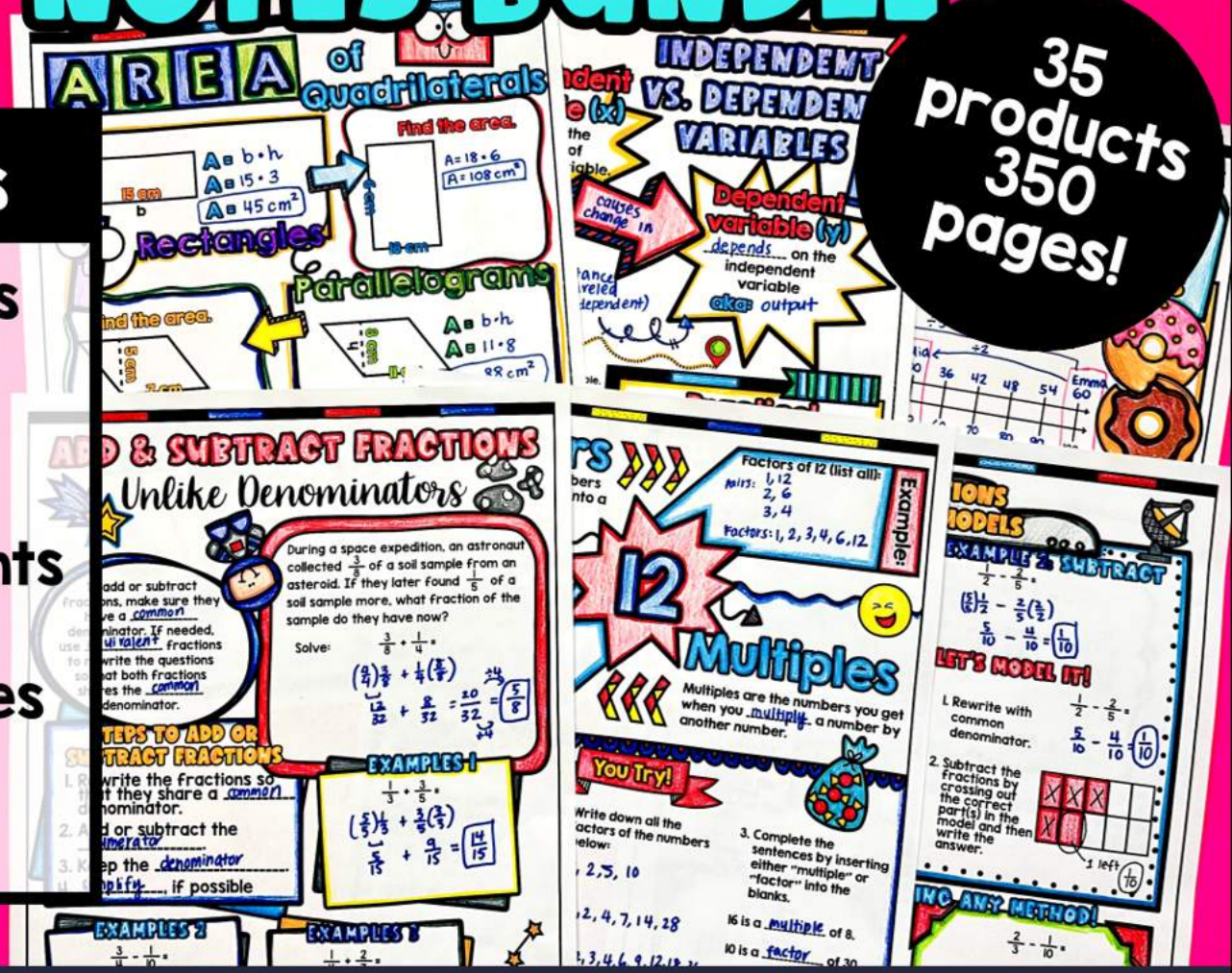
6TH GRADE CCSS - UNIT BUNDLE

6TH GRADE CCSS GUIDED NOTES BUNDLE

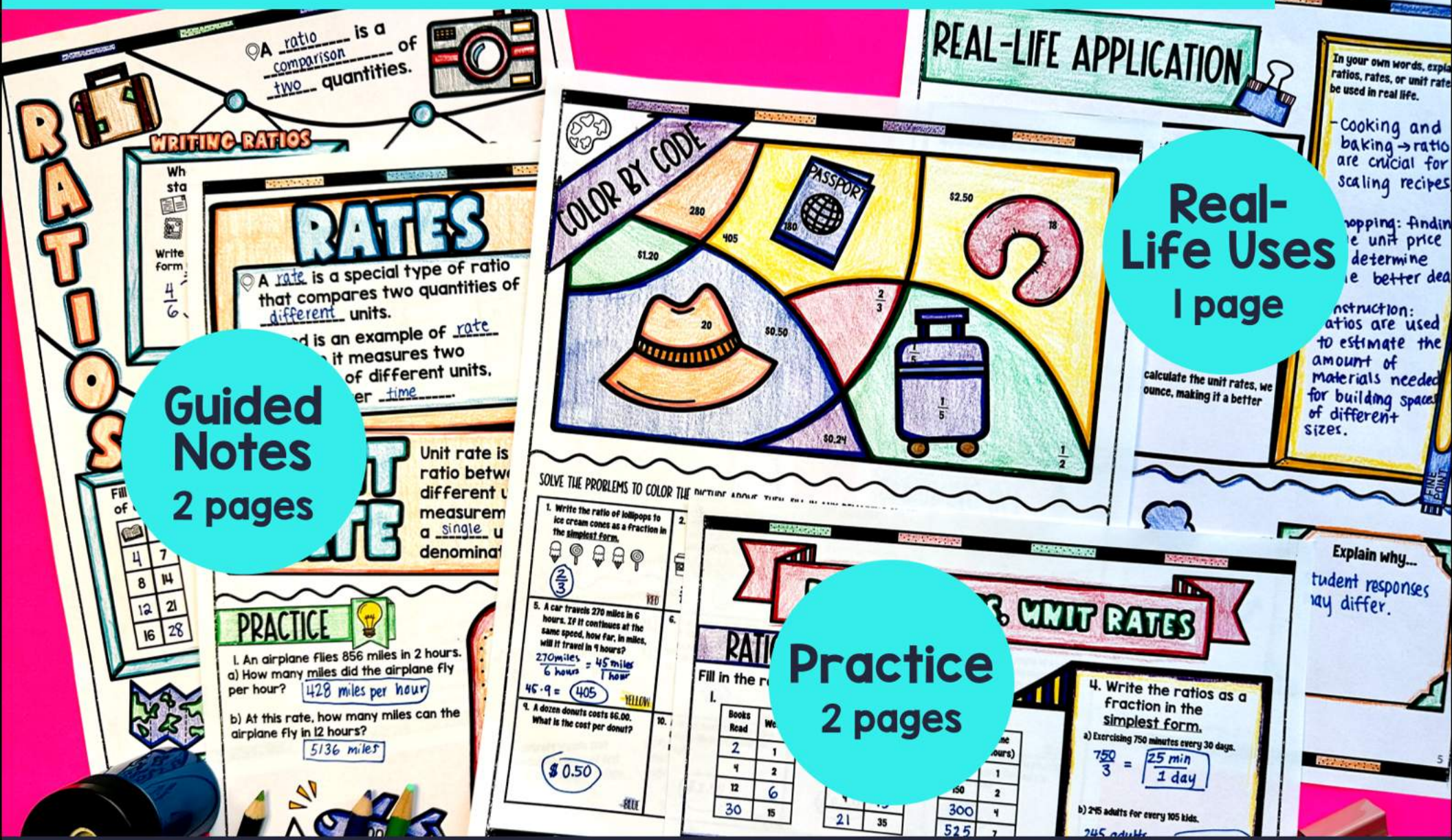
Guided Notes Units

1. Place Value & Decimals
2. Fractions
3. Rational Numbers
4. Ratios, Rates & Percents
5. Expressions
6. Equations & Inequalities
7. Geometry
8. Data & Statistics

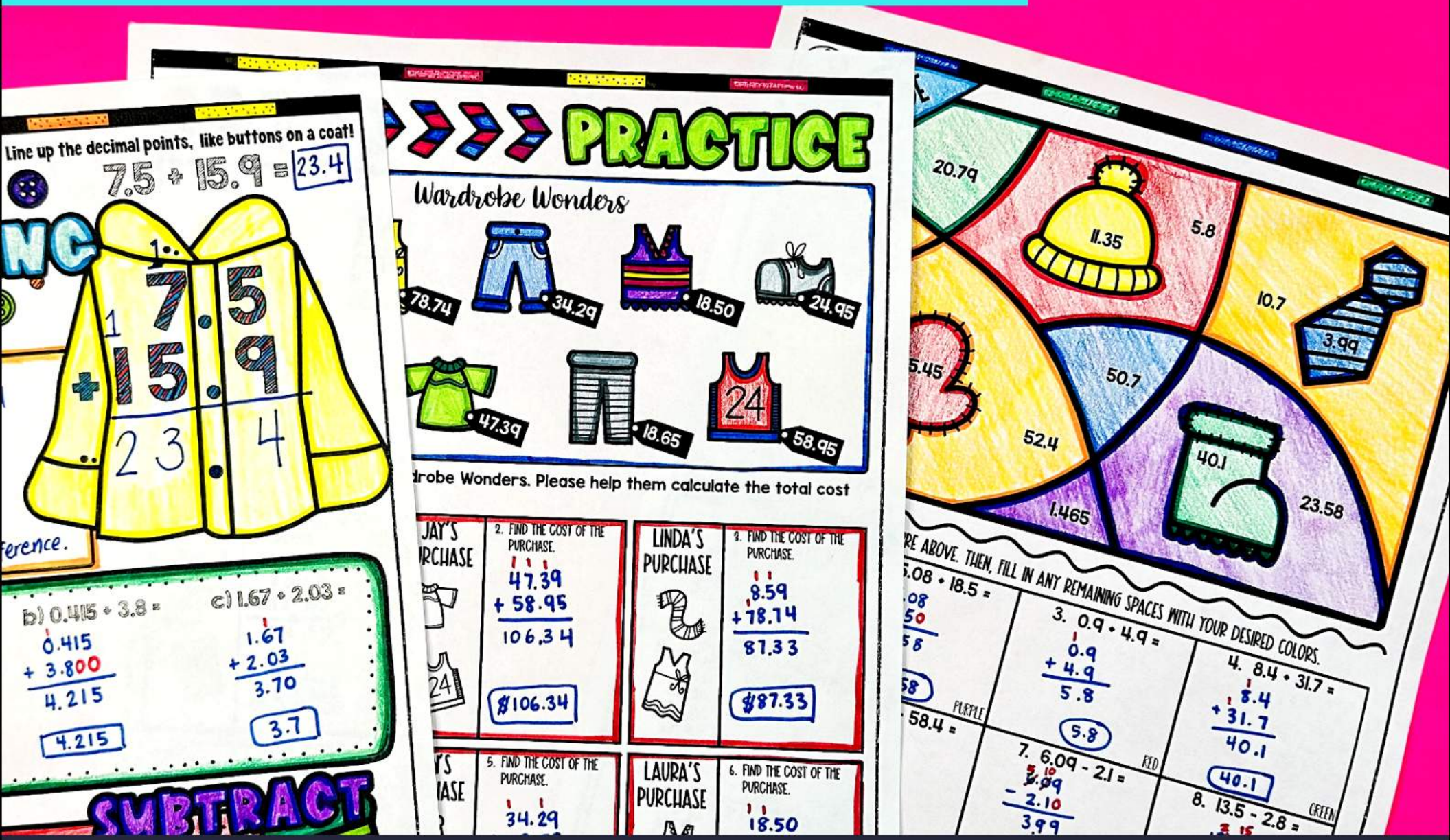
35 products 350 pages!

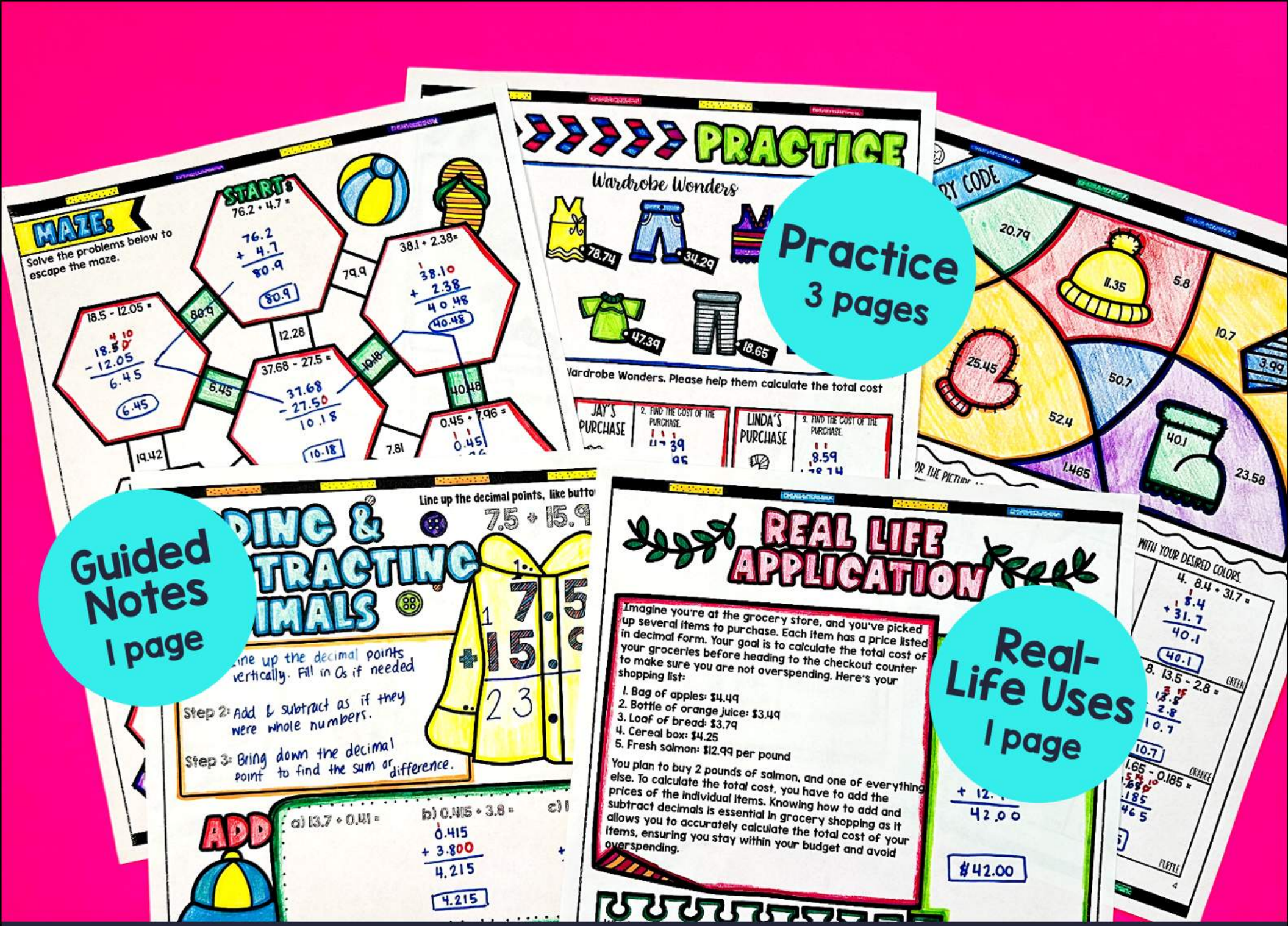


Every set of guided notes includes sketch notes, practice, and real-life applications.

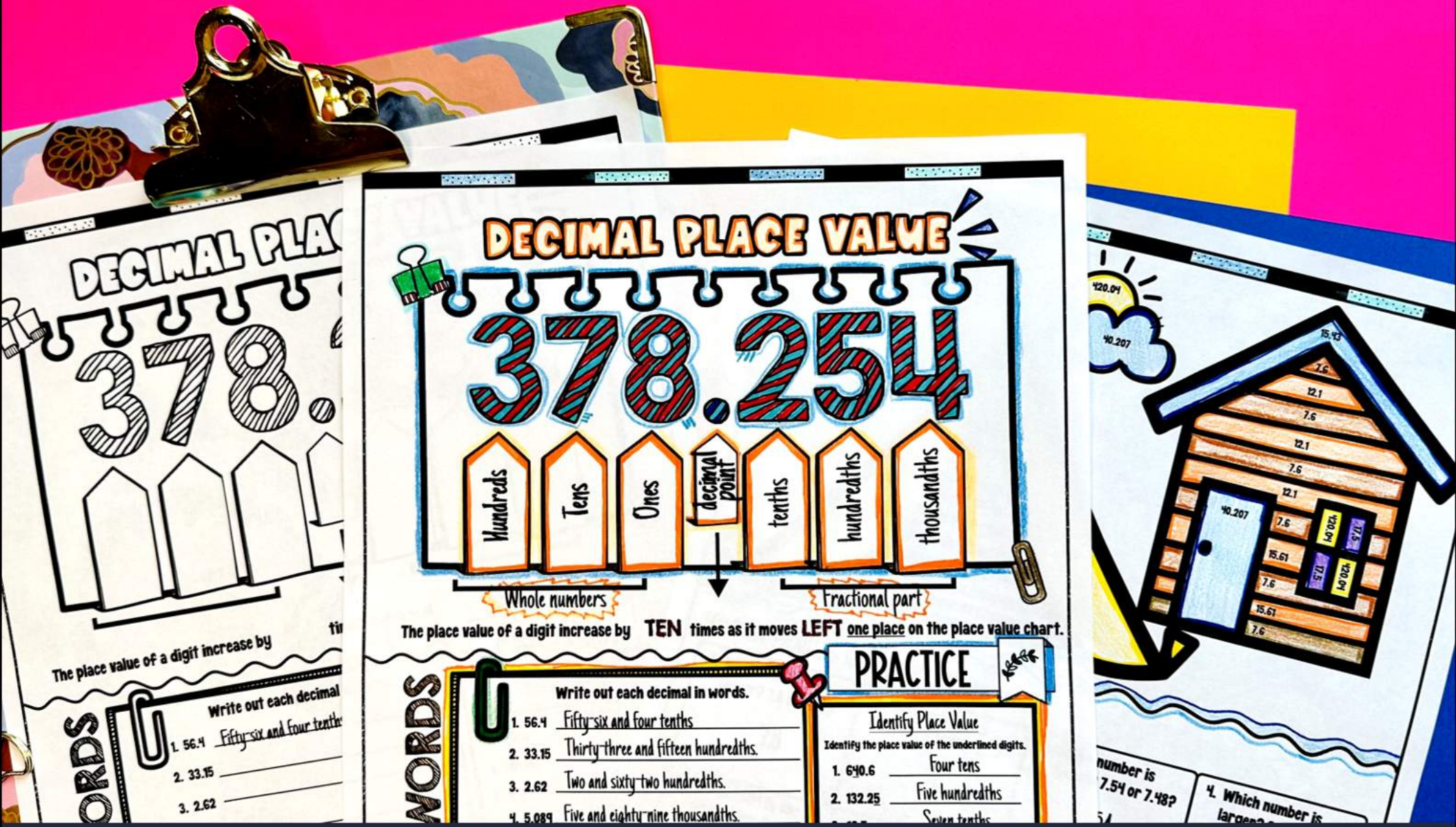


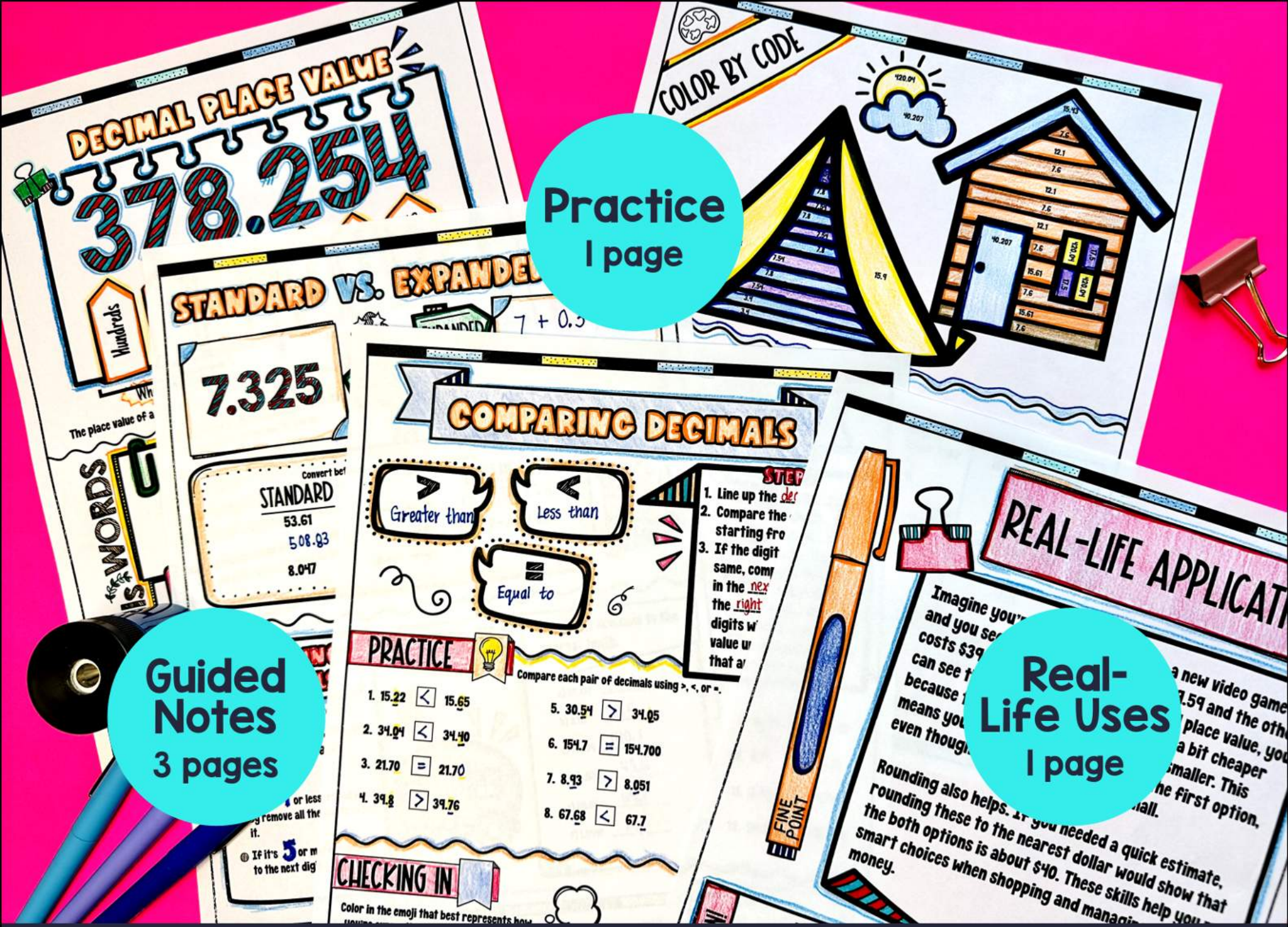
Variety of practice activities incorporated!



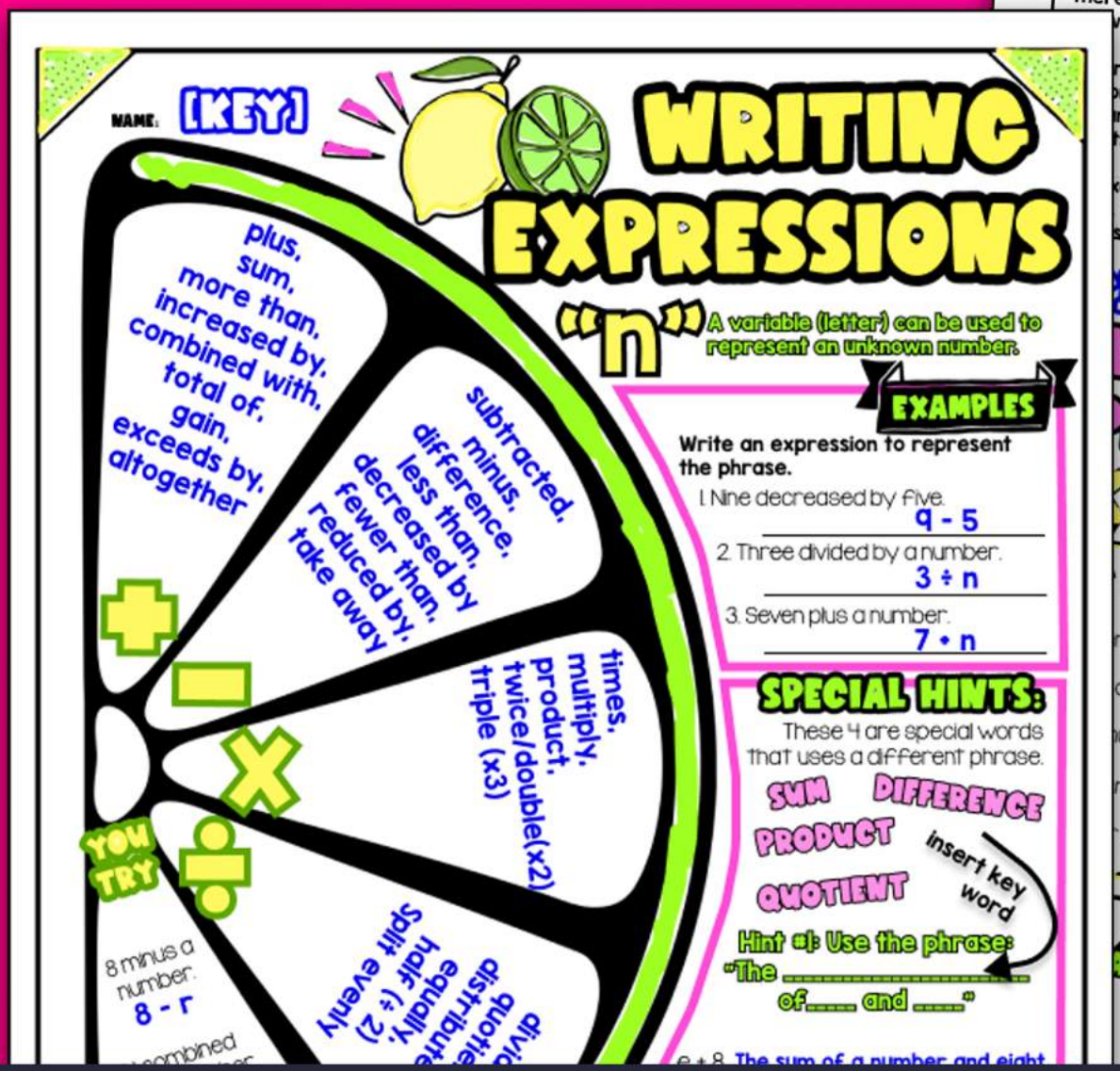

MAZE:
Solve the problems below to escape the maze.
START
76.2 + 4.7 =
80.9
38.1 + 2.38 =
40.48
18.5 - 12.05 =
6.45
37.68 - 27.5 =
10.18
0.45 + 7.96 =
8.41
PRACTICE
Wardrobe Wonders
78.74
34.29
47.39
18.65
Wardrobe Wonders. Please help them calculate the total cost
JAY'S PURCHASE
LINDA'S PURCHASE
FIND THE COST OF THE PURCHASE.
8.59
20.79
11.35
5.8
10.7
3.99
25.45
50.7
52.4
40.1
1.465
23.58
ADDING & SUBTRACTING DECIMALS
Line up the decimal points, like butto
7.5 + 15.9
Step 1: Line up the decimal points vertically. Fill in 0s if needed
Step 2: Add & subtract as if they were whole numbers.
Step 3: Bring down the decimal point to find the sum or difference.
ADD
a) 13.7 + 0.41 =
b) 0.415 + 3.8 =
0.415
+ 3.800
4.215
4.215
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.
42.00
$42.00
WITH YOUR DESIRED COLORS.
4. 8.4 + 31.7 =
40.1
13.5 - 2.8 =
10.7
1.65 - 0.185 =
1.465
GREEN
ORANGE
PURPLE
Practice
3 pages
Guided Notes
1 page
Real-Life Uses
1 page

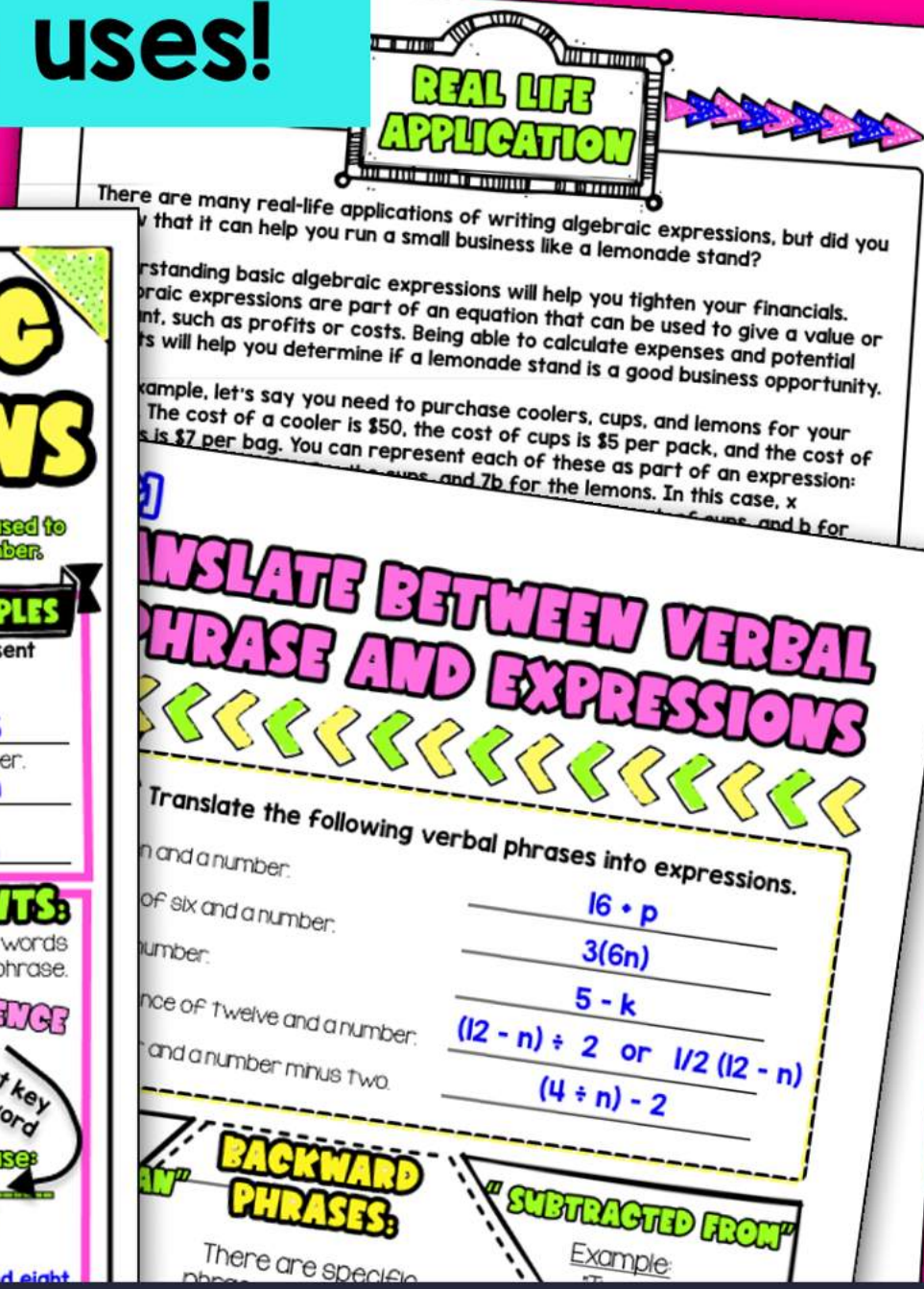
Colorful and visual notes!

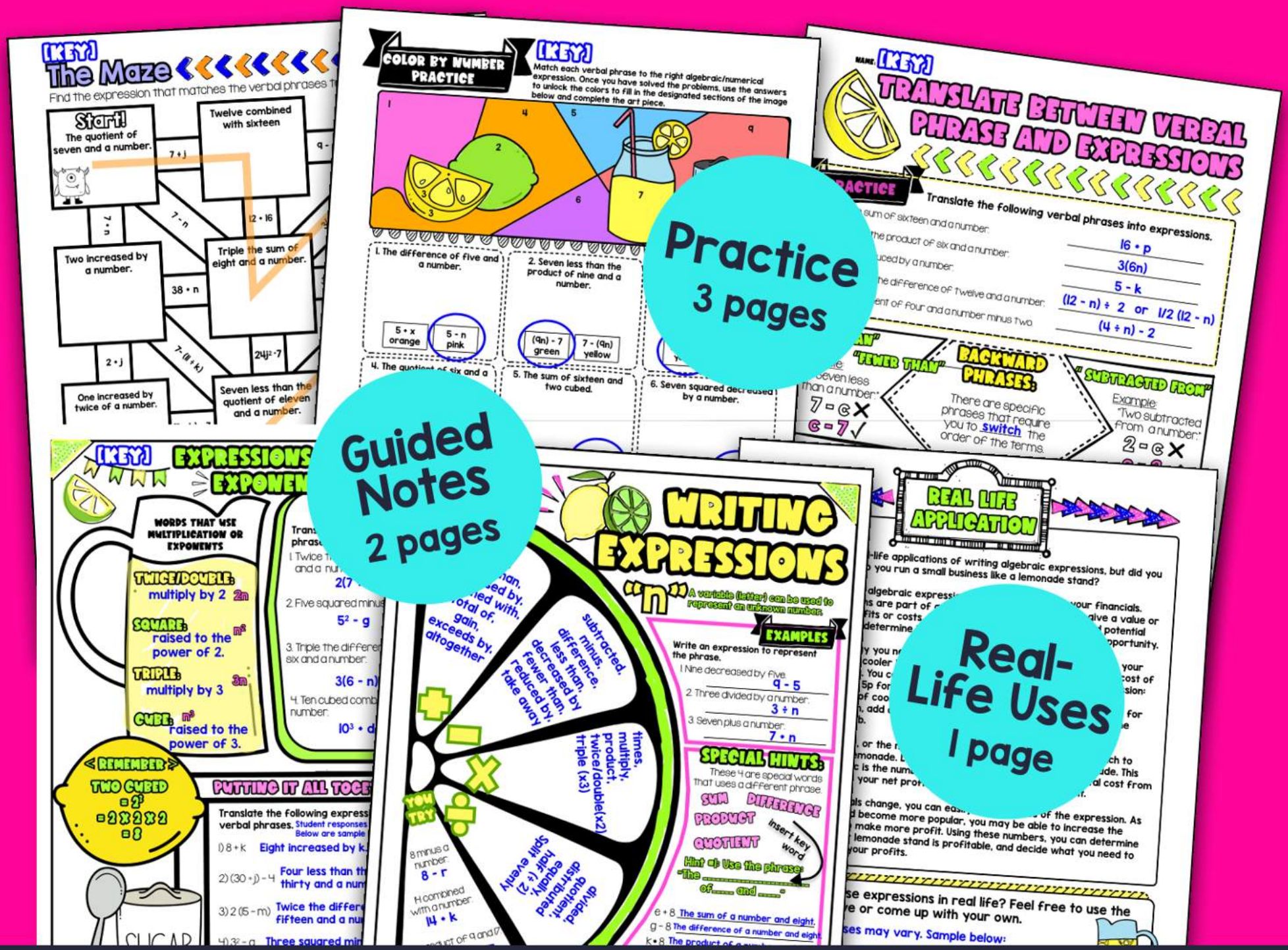



DECIMAL PLACE VALUE
378.254
Hundreds
STANDARD VS. EXPANDED
7.325
STANDARD
53.61
508.83
8.047
COLOR BY CODE
COMPARING DECIMALS
Greater than
Less than
Equal to
PRACTICE
Compare each pair of decimals using >, <, or =.
1. 15.22 < 15.65
2. 34.04 < 34.40
3. 21.70 = 21.70
4. 39.8 > 39.76
5. 30.54 > 34.05
6. 154.7 = 154.700
7. 8.93 > 8.051
8. 67.68 < 67.7
CHECKING IN
REAL-LIFE APPLICATI
FINE POINT
Practice
1 page
Guided Notes
3 pages
Real-Life Uses
1 page

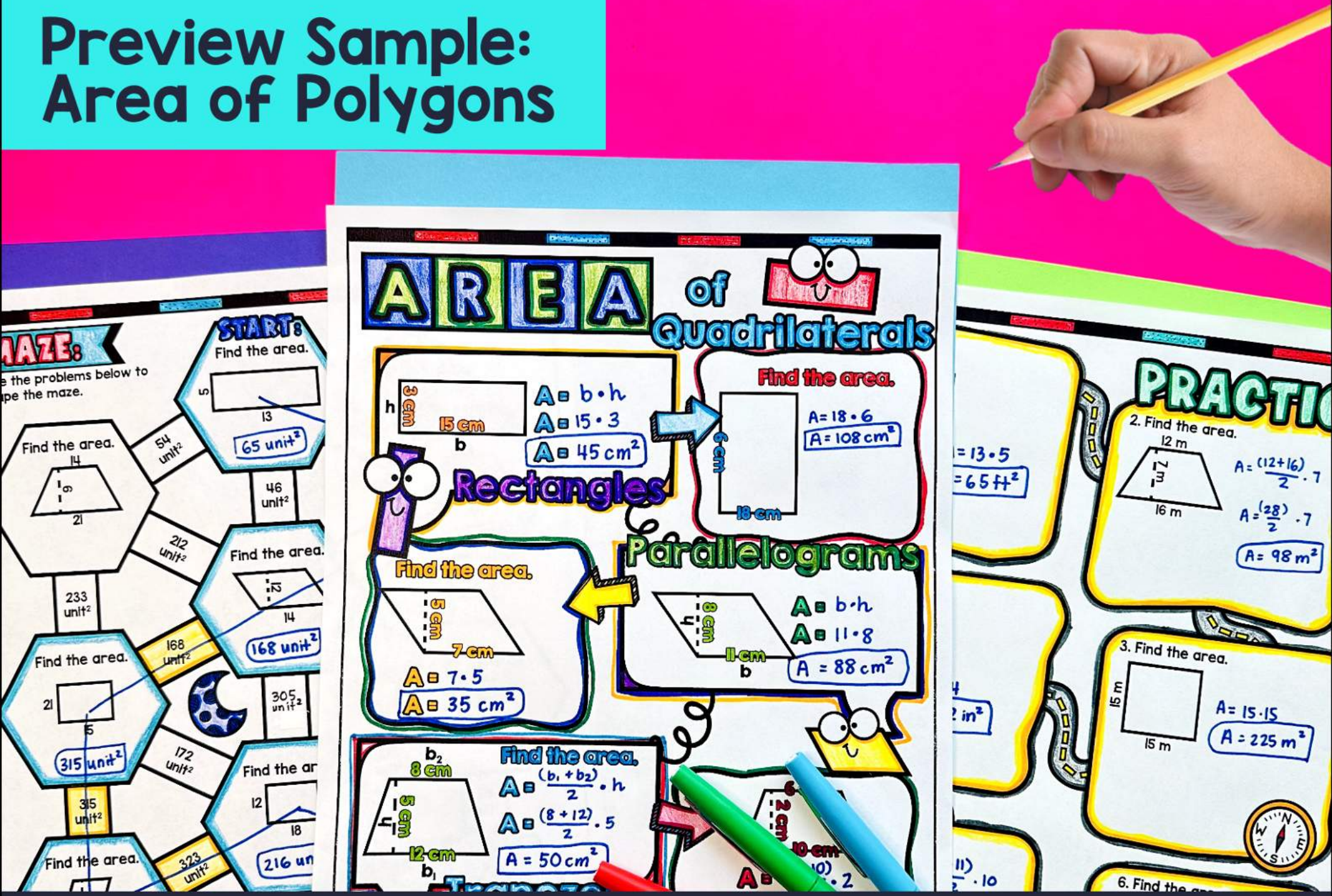
Sketch notes infused with creativity & real life uses!

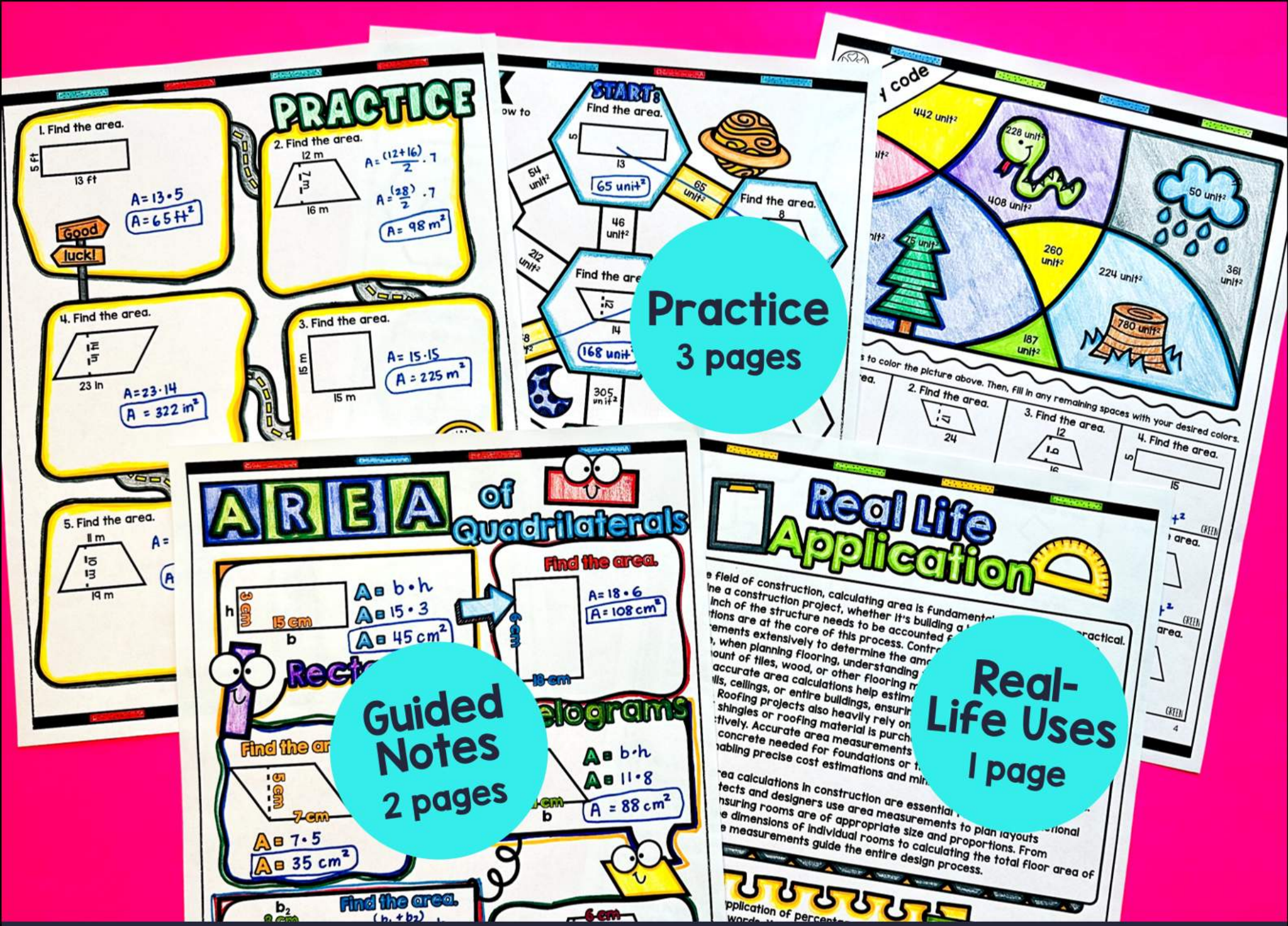





[KEY]
The Maze
Start!
The quotient of seven and a number.
Twelve combined with sixteen
Two increased by a number.
Triple the sum of eight and a number.
One increased by twice of a number.
Seven less than the quotient of eleven and a number.
COLOR BY NUMBER PRACTICE
[KEY]
Match each verbal phrase to the right algebraic/numerical expression. Once you have solved the problems, use the answers to unlock the colors to fill in the designated sections of the image below and complete the art piece.
1. The difference of five and a number.
2. Seven less than the product of nine and a number.
5 • x orange
5 - n pink
(9n) - 7 green
7 - (9n) yellow
5. The sum of sixteen and two cubed.
6. Seven squared decreased by a number.
[KEY]
TRANSLATE BETWEEN VERBAL PHRASE AND EXPRESSIONS
Translate the following verbal phrases into expressions.
16 • p
3(6n)
5 - k
(12 - n) ÷ 2 or 1/2 (12 - n)
(4 ÷ n) - 2
"FEWER THAN"
BACKWARD PHRASES:
There are specific phrases that require you to switch the order of the terms.
" SUBTRACTED FROM"
Example:
"Two subtracted from a number:"
[KEY]
EXPRESSIONS
WORDS THAT USE MULTIPLICATION OR EXPONENTS
TWICE/DOUBLE: multiply by 2 2n
SQUARE: raised to the power of 2. n²
TRIPLE: multiply by 3 3n
CUBE: raised to the power of 3. n³
REMEMBER
TWO CUBED = 2³ = 2 x 2 x 2 = 8
PUTTING IT ALL TOGE
Translate the following express verbal phrases.
1) 8 + k Eight increased by k.
2) (30 • j) - 4 Four less than th thirty and a nun
3) 2 (15 - m) Twice the differe fifteen and a nu
WRITING EXPRESSIONS
"n" A variable (letter) can be used to represent an unknown number.
subtracted, minus, difference, less than, decreased by, fewer than, reduced by, take away
times, multiply, product, twice/double(x2) triple (x3)
divided, quotient, distributed, equality, half (÷2) split evenly
YOU TRY
8 minus a number: 8 - r
14 combined with a number: 14 • k
EXAMPLES
Write an expression to represent the phrase.
1. Nine decreased by Five. 9 - 5
2. Three divided by a number. 3 ÷ n
3. Seven plus a number. 7 • n
SPECIAL HINTS:
These 4 are special words that uses a different phrase.
SUM DIFFERENCE PRODUCT QUOTIENT
insert key word
Hint #1: Use the phrase: "The _____ of _____ and _____"
e • 8 The sum of a number and eight.
g - 8 The difference of a number and eight
REAL LIFE APPLICATION
-life applications of writing algebraic expressions, but did you you run a small business like a lemonade stand?
algebraic expressi
ns are part of
fits or costs
determine
your financials.
alve a value or
potential
pportunity.
Y you n
cooler
. You c
5p for
of coo
, add
b.
your
cost of
sion:
for
, or the r
monade.
c is the num
your net prof
ch to
ade. This
al cost from
f.
ls change, you can eas
d become more popular, you may be able to increase the
make more profit. Using these numbers, you can determine
lemonade stand is profitable, and decide what you need to
your profits.
of the expression. As
se expressions in real life? Feel free to use the
e or come up with your own.
ses may vary. Sample below:
Practice
3 pages
Guided Notes
2 pages
Real-Life Uses
1 page

Preview Sample: Area of Polygons




PRACTICE
1. Find the area.
5 ft
13 ft
A = 13 • 5
A = 65 ft²
Good luck!
2. Find the area.
12 m
7 m
16 m
A = (12+16)/2 • 7
A = (28)/2 • 7
A = 98 m²
4. Find the area.
23 in
A = 23 • 14
A = 322 in²
3. Find the area.
15 m
15 m
A = 15 • 15
A = 225 m²
5. Find the area.
11 m
13
19 m
START
Find the area.
65 unit²
54 unit²
46 unit²
212 unit²
168 unit²
305 unit²
Practice
3 pages
442 unit²
228 unit²
408 unit²
50 unit²
75 unit²
260 unit²
224 unit²
361 unit²
780 unit²
187 unit²
to color the picture above. Then, fill in any remaining spaces with your desired colors.
2. Find the area.
24
3. Find the area.
12
4. Find the area.
15
AREA of Quadrilaterals
Find the area.
A = b • h
A = 15 • 3
A = 45 cm²
15 cm
3 cm
A = 18 • 6
A = 108 cm²
6 cm
18 cm
Guided Notes
2 pages
Find the area.
5 cm
7 cm
A = 7 • 5
A = 35 cm²
A = b • h
A = 11 • 8
A = 88 cm²
Find the area.
6 cm
Real Life Application
Real-Life Uses
1 page

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.

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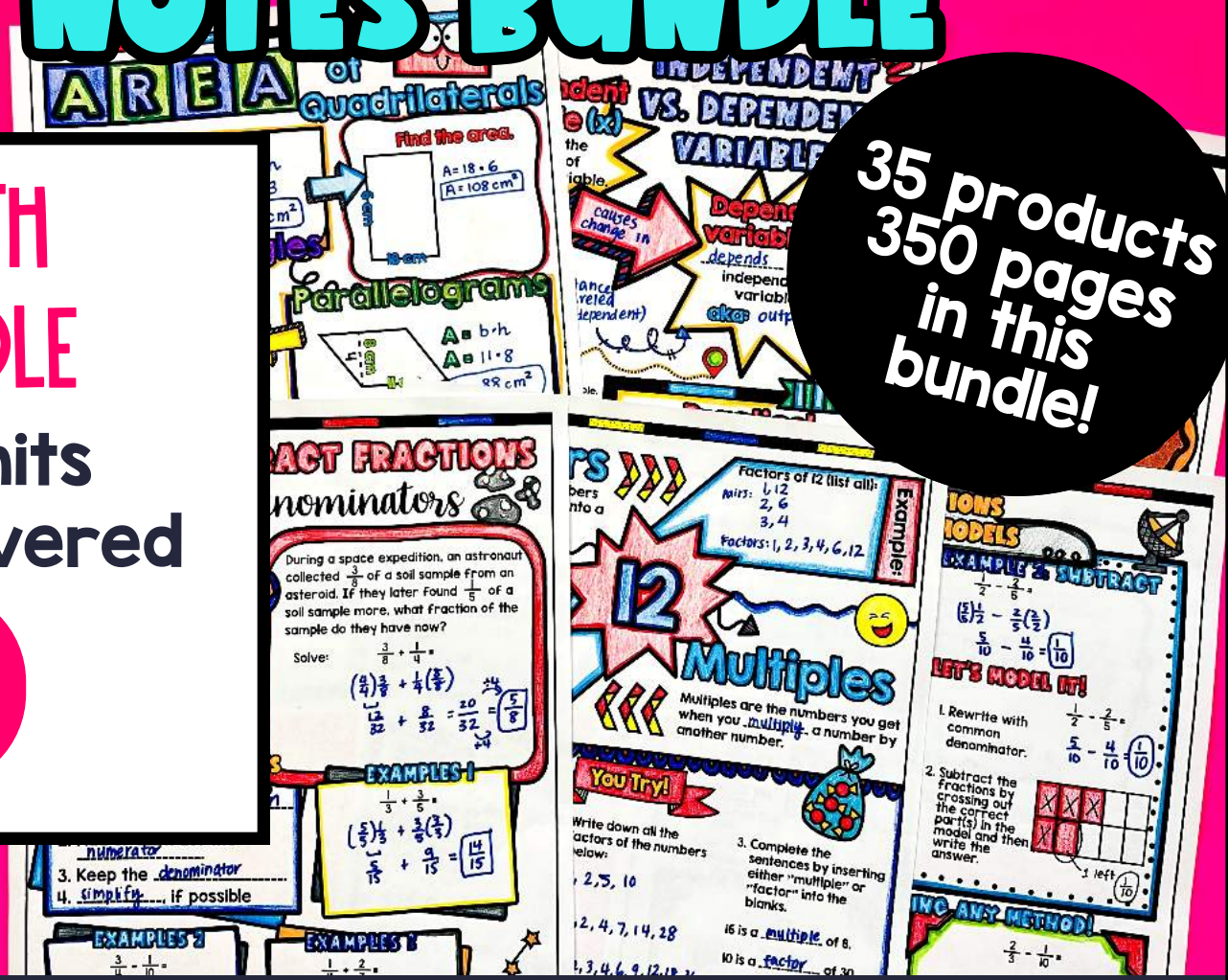

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