

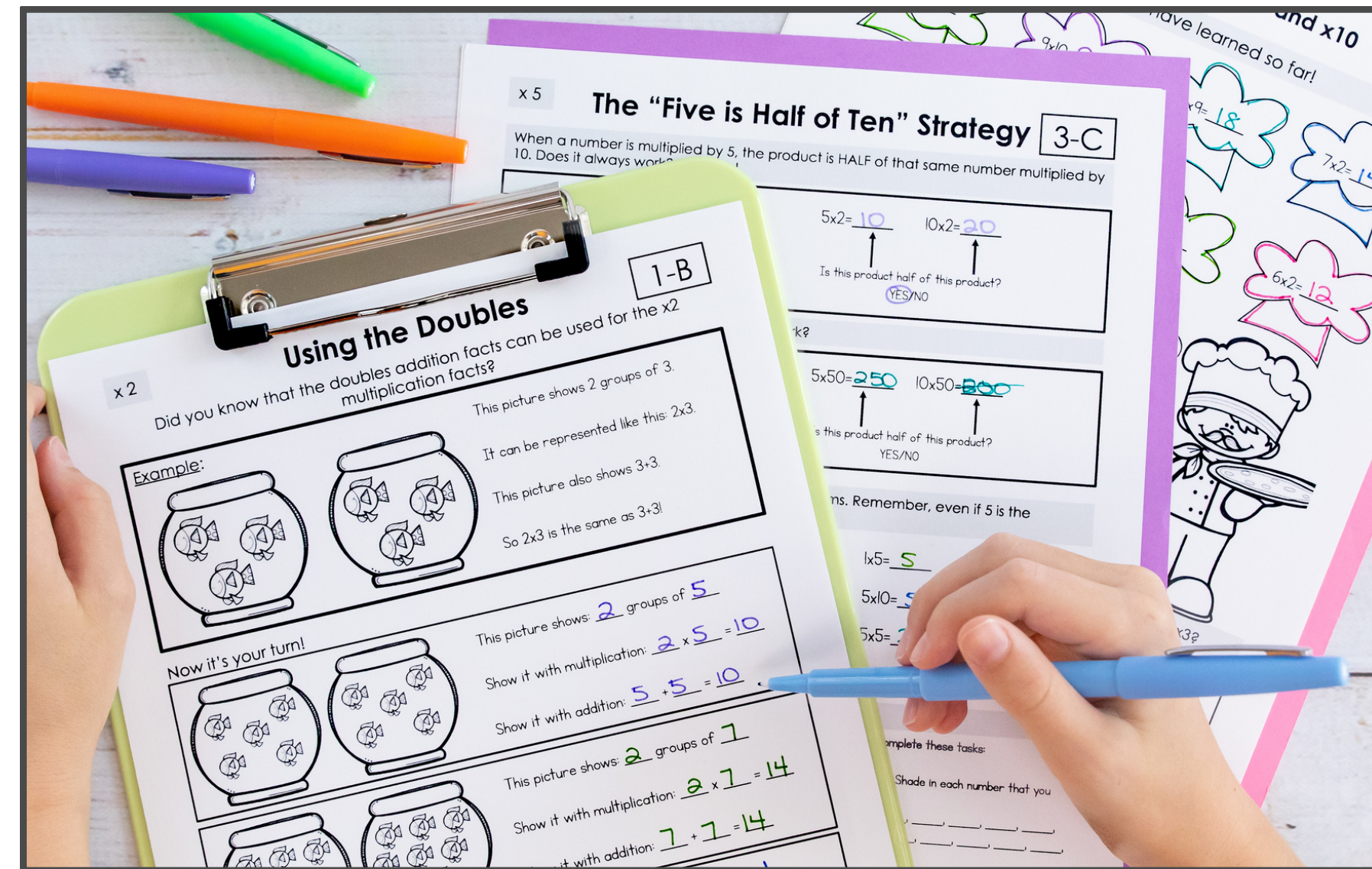
THE

MULTIPLICATION

Station

IDEAL FOR GRADES 3-5

BUILD
FACT
FLUENCY



SHELLEY GRAY

Frustrated with wide ability gaps?

The Multiplication Station is entirely self-paced, ensuring every student is appropriately challenged.

Drowning in daily center prep? Once set up, this routine is entirely student-run. Use it for months without any additional prep!

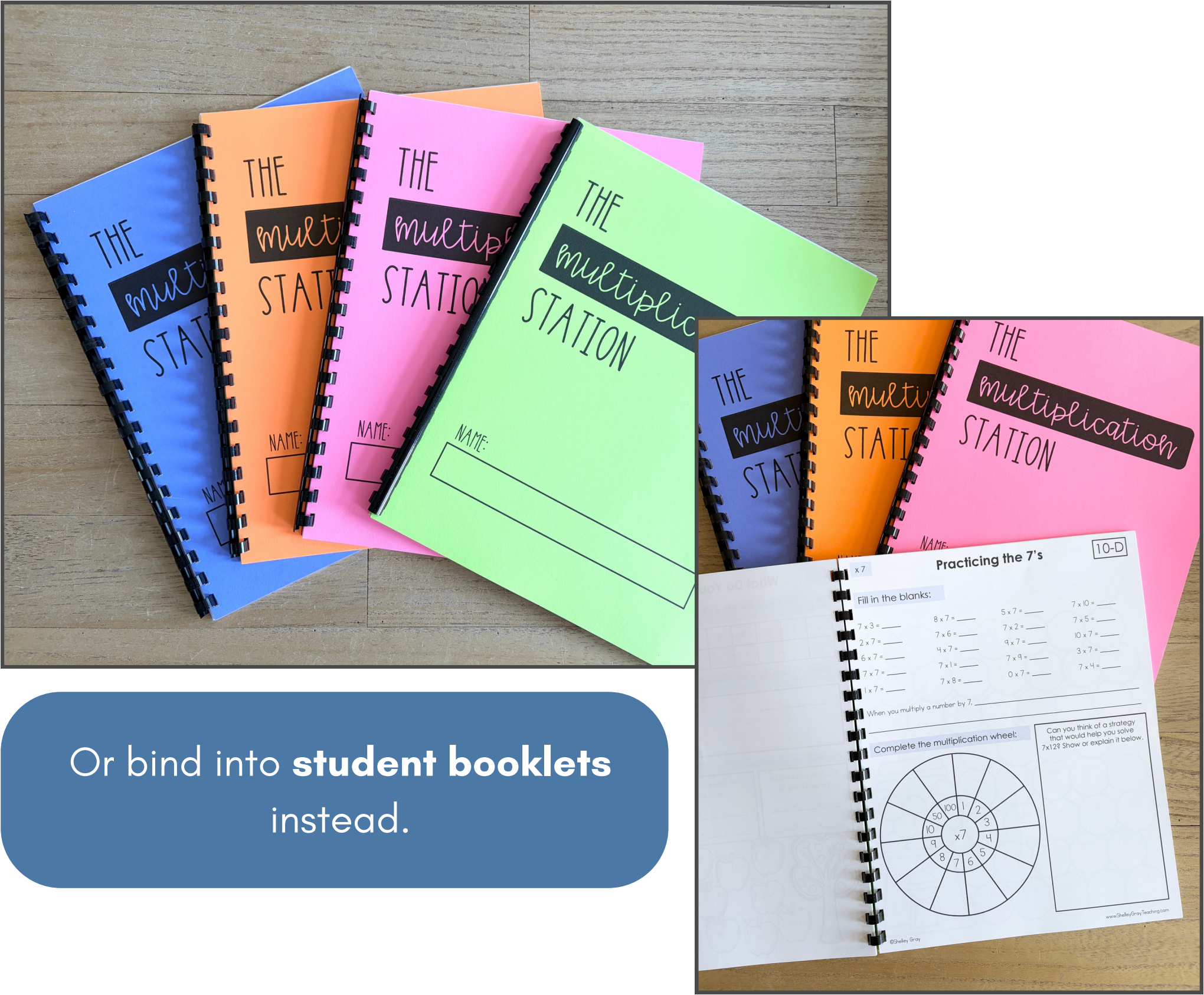
Tired of rote drills? The focus is on deep, conceptual understanding so facts actually stick long-term.



Flexible Set-Up Options



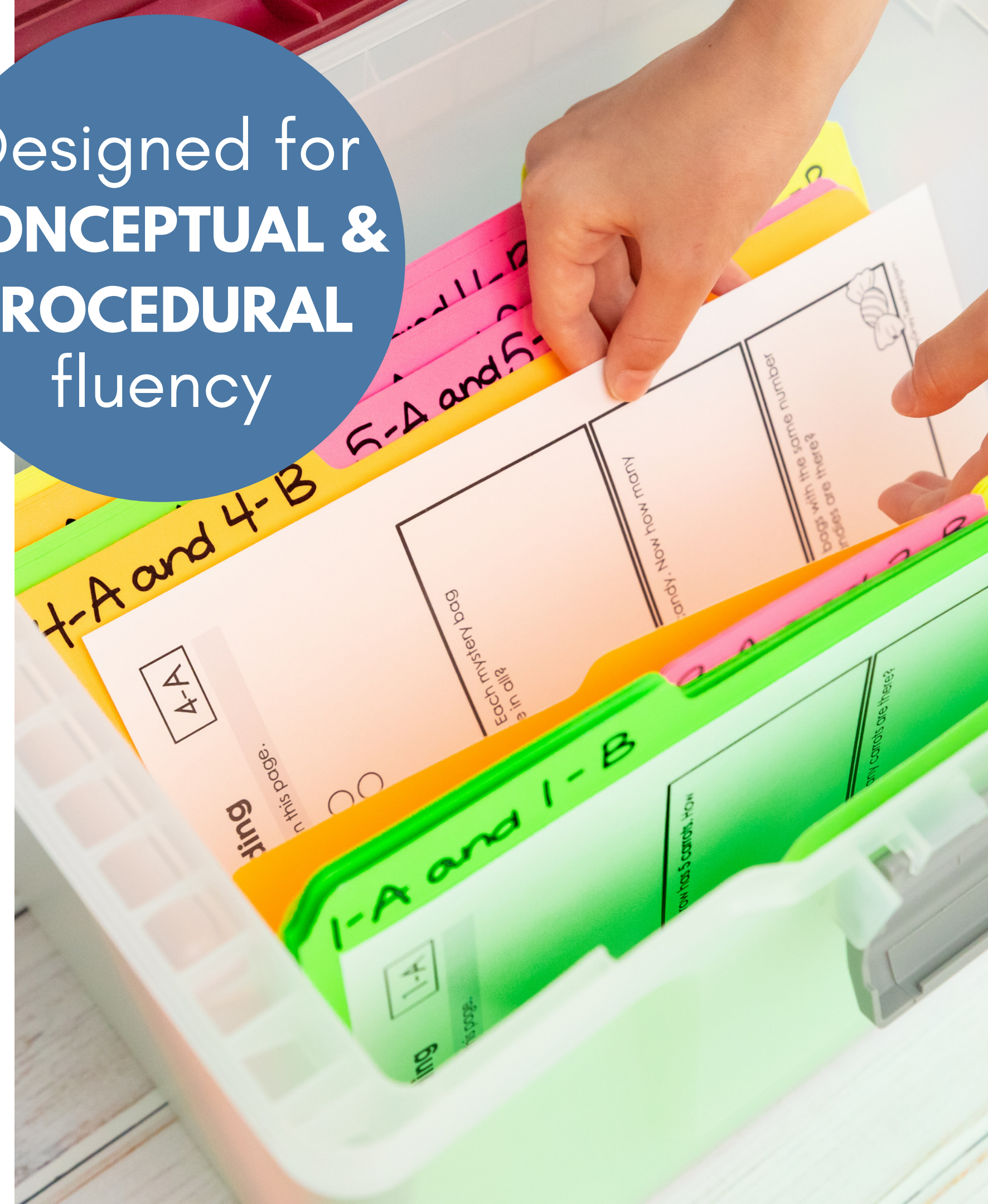
Set it up in a **classroom tub** as the instructions outline.



Or bind into **student booklets** instead.

“This is THE most amazing way to help my kiddos review multiplication facts! They enjoy working on the packets and it's been so **meticulously organized!** Absolutely **INCREDIBLE!**”

Designed for
**CONCEPTUAL &
PROCEDURAL**
fluency



How It Works

- **PRACTICE:** Students complete an activity from their current fact level.
- **SELF-CORRECT:** Students use the provided answer keys to self-correct.
- **TRACK:** Students color in their personal trackers or update their Multiplication Passports.
- **ASSESS:** Students take a quick, informal oral quiz with the teacher to unlock the next level!



Based on Strategies - Not Tricks

x 10

10 Times a Number

2-D

Let's focus on what happens with place value when we multiply by 10.

When we multiply by 10, the digits move one place to the left. Look at the place value charts below:

H	T	O
		9

x10 =

H	T	O
	9	0

In this example, we multiplied 9×10 . The 9 moves from the ones place to the tens place and a 0 is added to the ones place.

Try it!

$4 \times 10 =$

H	T	O

$6 \times 10 =$

H	T	O

$3 \times 10 =$

H	T	O

$7 \times 10 =$

H	T	O

$2 \times 10 =$

H	T	O

$9 \times 10 =$

H	T	O

$1 \times 10 =$

H	T	O

$5 \times 10 =$

H	T	O

$8 \times 10 =$

H	T	O

$10 \times 10 =$

H	T	O

Now that you know how to multiply by 10, could you solve problems like these?

$10 \times 12 =$ _____

$10 \times 75 =$ _____

$10 \times 15 =$ _____

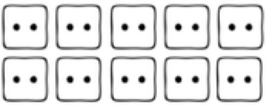
$10 \times 90 =$ _____

$10 \times 14 =$ _____

$10 \times 87 =$ _____

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x 9	Multiplying By Nine	8-B
When we multiply by nine, we use what we know about multiplying by 10.		
9x4= _____ - First, think of TEN groups of 4. What is 10x4? _____ - Now take away one group of 4. How many are left? _____ 		
9x2= _____ - First, think of TEN groups of 2. What is 10x2? _____ - Now take away one group of 2. How many are left? _____ 		
9x5= _____ - First, think of TEN groups of 5. What is 10x5? _____ - Now take away one group of 5. How many are left? _____ 		
9x6= _____ - First, think of TEN groups of 6. What is 10x6? _____ - Now take away one group of 6. How many are left? _____ 		
Write two multiplication sentences for each array.		
 _____ x _____ = _____ _____ x _____ = _____	 _____ x _____ = _____ _____ x _____ = _____	 _____ x _____ = _____ _____ x _____ = _____

x 3

Making Connections

7-C

Let's make connections between x2 facts and x3 facts.

Explain how you could use the fact 2×9 to solve 3×9 .

Draw a diagram to show how you could use 2×8 to solve 3×8 .



This diagram shows that:



This diagram shows that:

Draw a diagram to **prove** that 3×10 is the same as 2×10 plus one more group of 10.

Fill in the missing factors:

27

3

18

3

30

3

9

3

3

3

0

3

6

3

15

3

21

3

12

3

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$\times 10$	Putting It All Together: $\times 2$, $\times 10$	2-E
Grid representation <!-- Row 1 --> 1. <!-- Row 2 --> 2. 3. <!-- Row 3 --> <!-- Row 4 --> 3. 1. <!-- Row 5 --> <!-- Row 6 --> 2. <!-- Row 7 --> 4. 4. 5. <!-- Row 8 --> 6. <!-- Row 9 --> <!-- Row 10 --> 5. <!-- Row 11 --> 8. 7. <!-- Row 12 --> <!-- Row 13 --> <!-- Row 14 --> 7. <!-- Row 15 --> 6.		

<u>ACROSS:</u>	<u>DOWN:</u>
1. Nine times ten	1. Two times ten
2. Ten times six	6. Eight times two
3. Two times nine	2. Ten times four
4. Ten times ten	7. Two times two
5. Two times three	3. Six times two
	4. Eight times ten
	5. Four times two

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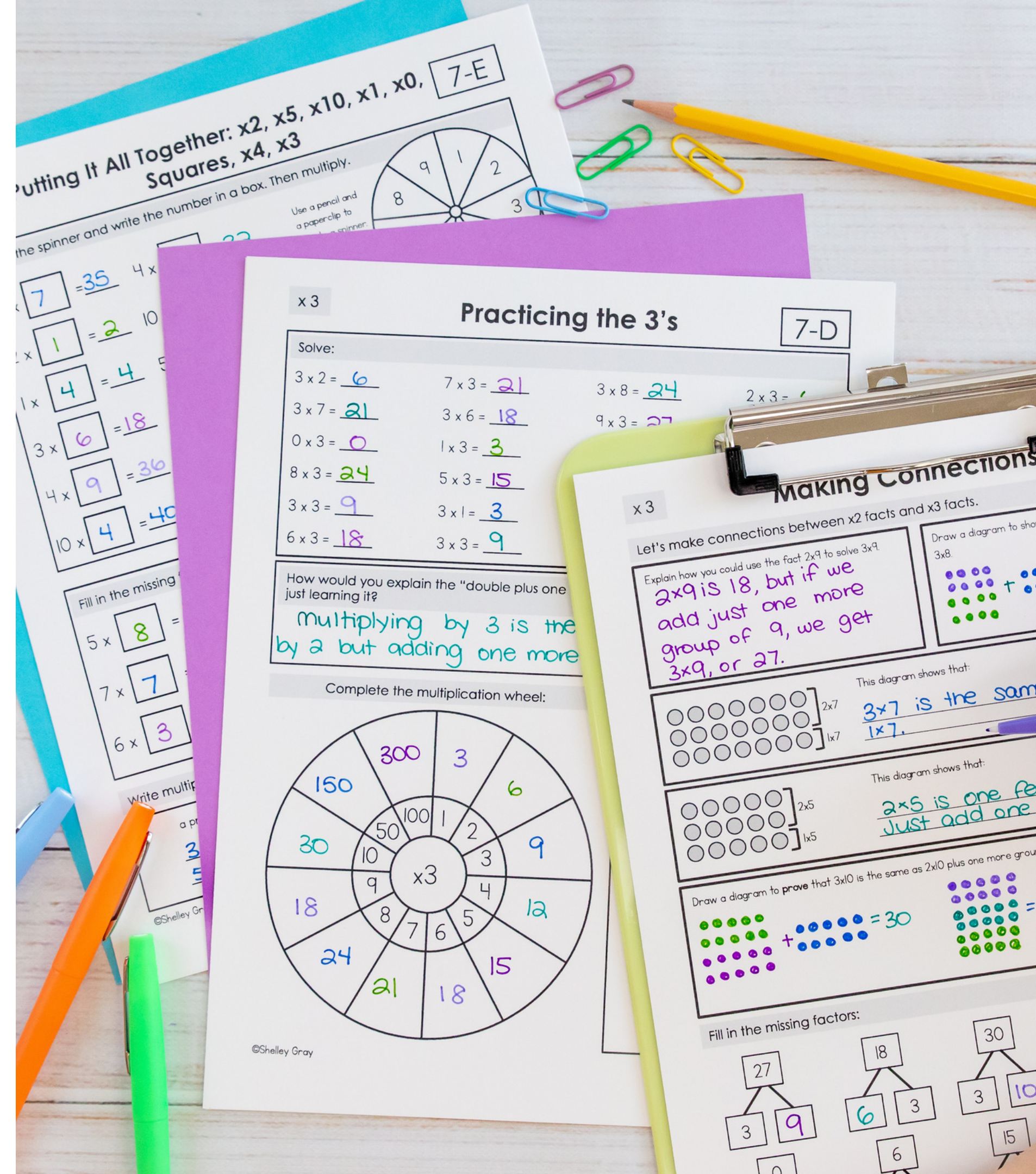
Deep **place value** understanding

Derived fact strategies for building mental math capacity

Visual representations to
build **conceptual
understanding**

Engaging activities to keep students wanting to learn.

“This is the best resource that I purchased for 3rd grade! All of my students **mastered their multiplication facts** using this method! Great resource!”



Everything You Need For Success

- **Multiplication Passports:** Drives engagement & student motivation
- **Worksheets and Center Activities:** Follow a strategic order of teaching to keep success high and learning engaging
- **Vocabulary Posters**
- **Teacher Support Video:** Walks you step-by-step through a friction-free setup!
- **Parent Resources:** Bridges the gap with home practice support
- **Google Slides Version:** Paperless worksheet option included for digital learning



Trusted in Thousands of Classrooms!

*"This was exactly what I was looking for! I am so happy I came across this resource. I taught 3/4 and this was perfect for the other group to work on while I was teaching the opposite group. This went through all of the strategies I wanted to cover, in a sequence that made sense! **I saw INCREDIBLE growth** in my student's multiplication skills this year!"*

This set is AMAZING! I teach a 3rd grade special education math class. In my experience children have the most difficulty learning their multiplication facts which impacts them for a long time. **This system is incredible and my students even ask to do it during their break!** I wasn't sure they'd be able to handle the independent work they'd be required to do, but they work so hard! Thanks so much for this product!!!

This kit is wonderful. I have a group of 6th graders who are all over the place in their multiplication learning, many of which do not have basic fact fluency. This resource filled in so many missing strategies. And because multiplication in general is not a new concept for them, they were able to be quite independent as they moved through the levels and gained strategies. **I saw great improvement in fluency, efficiency and confidence.** I wholeheartedly recommend this resource for anyone with students struggling with their multiplication math facts.



Ready to **transform**
multiplication instruction in your
classroom?

Get started today!

