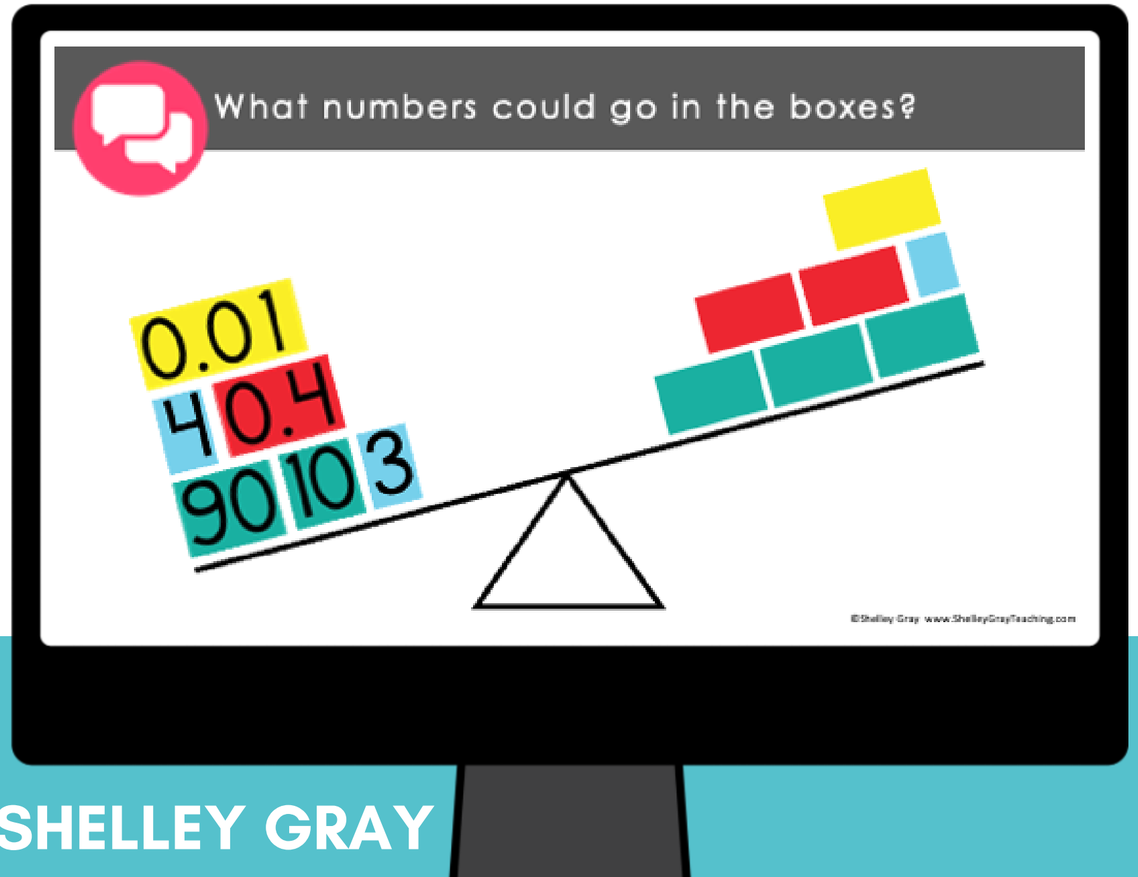
GRADE 5

MATH CONVERSATIONS FOR NUMBER TALKS

200 SLIDES



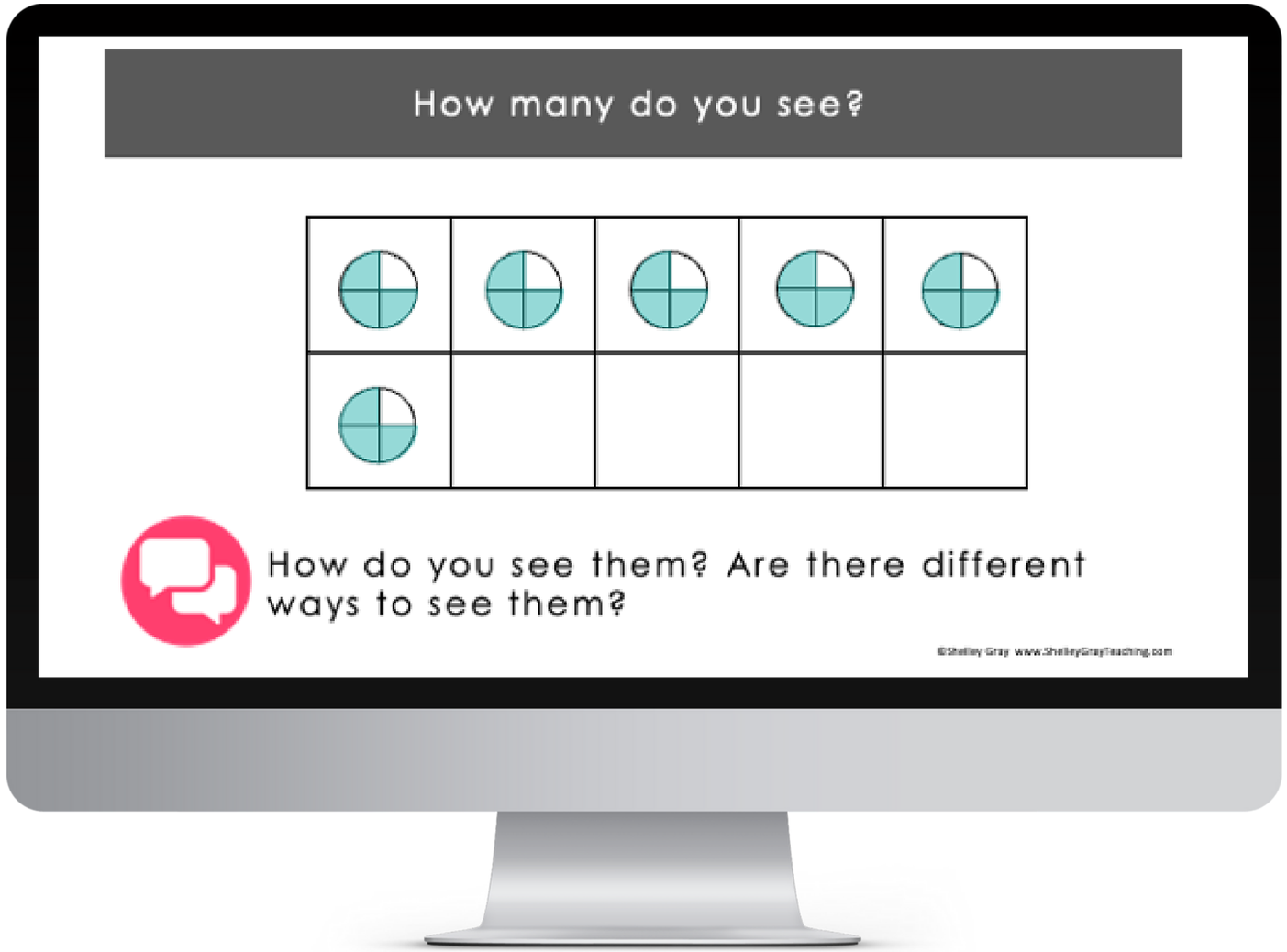
SHELLEY GRAY

Math Conversations is designed to help your students:

build number sense

become strategic and flexible thinkers

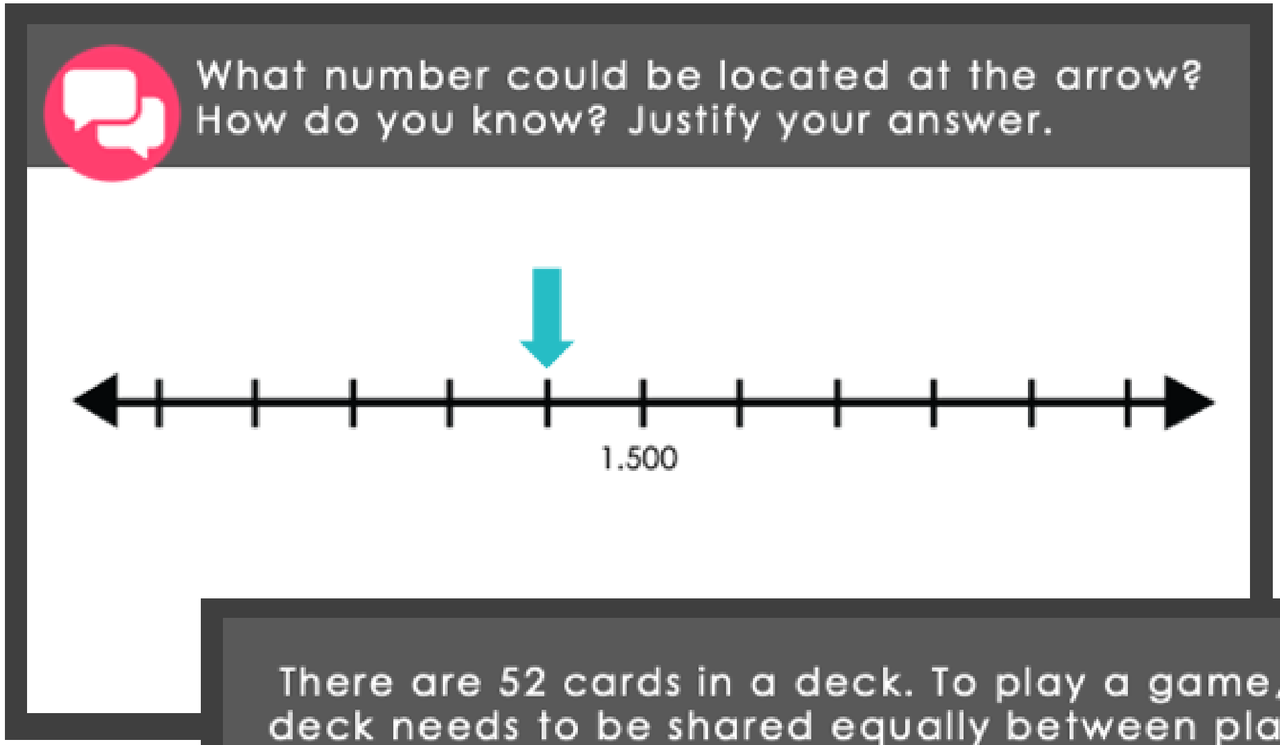
boost math confidence

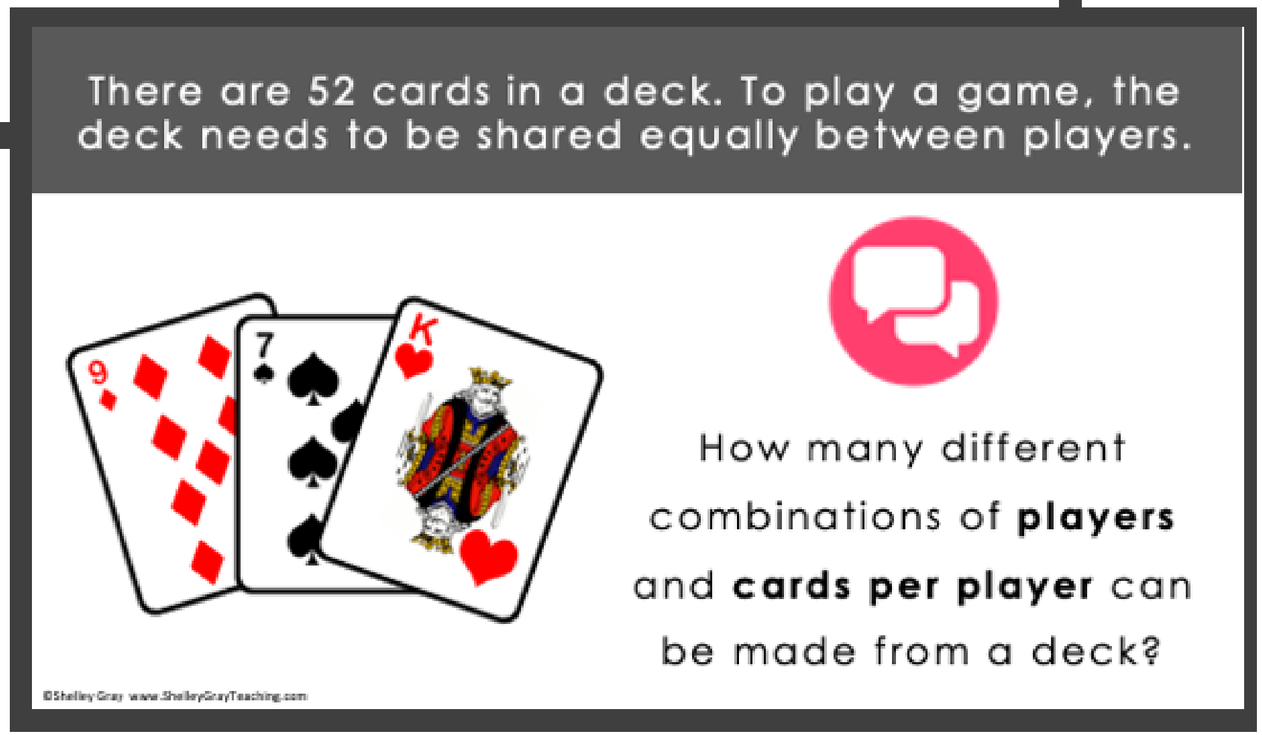


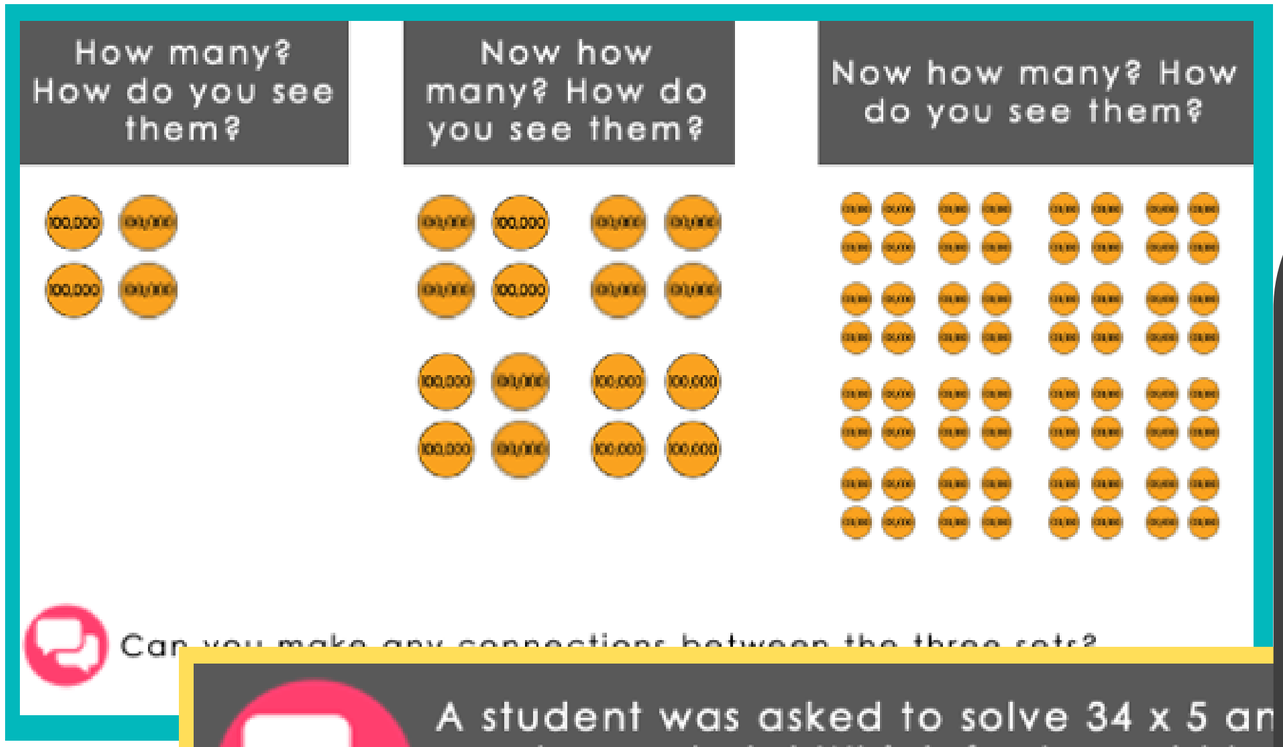
This resource includes **200 slides** that reinforce flexible and strategic thinking, connections, and much more. The main goal is to get you and your students talking about math and realizing that math is not all about right answers – it's about **thinking in different ways!**

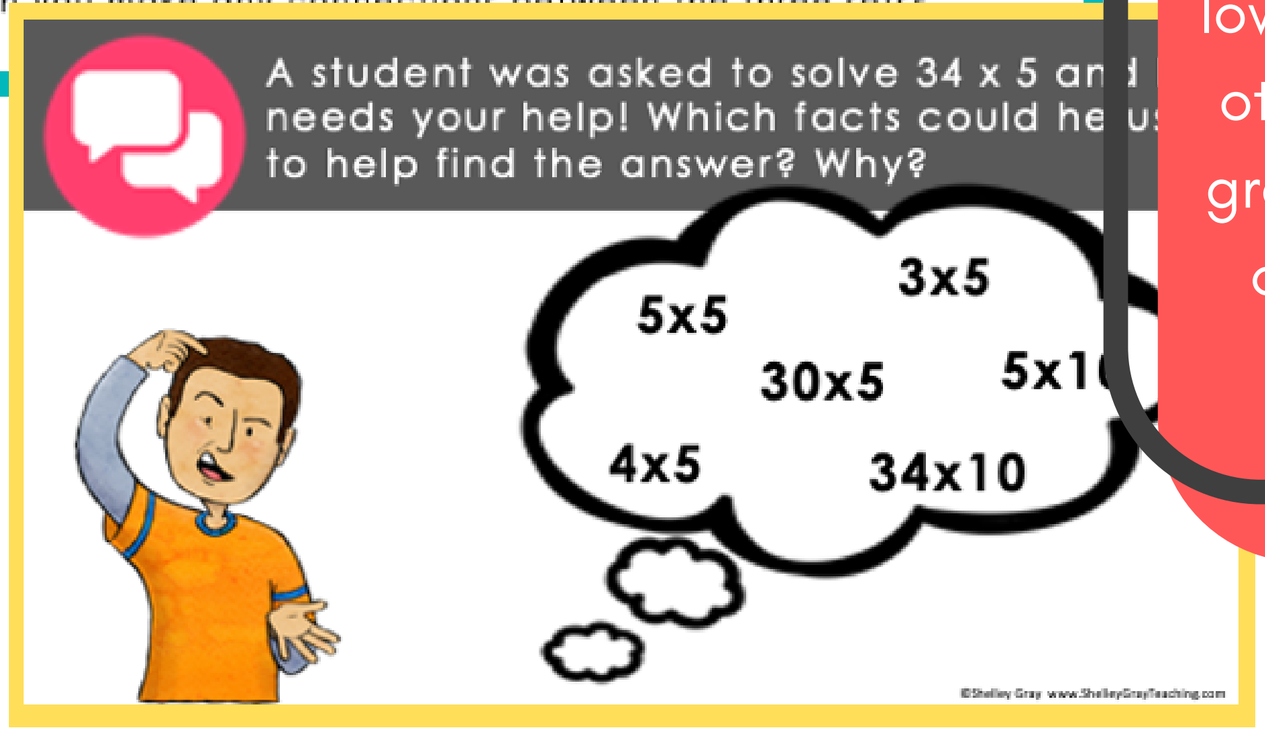
The slides are completely ready to go - NO PREP!

Just choose a slide and discuss as part of your daily math routine or number talk!









I absolutely love this resource!! What amazing mathematical conversations were sparked with the slides. My mathematicians loved sharing their ideas and encouraging others to share as well. This resource is a great fit for a morning activity to wake up our math brains or to conclude a math class. Excellent resource.

Slides include number sense, geometry, estimation, and much more!

Describe this image using one of these words:

groups **divided** **shared** **distributed**

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Consider this: 11 = ? + ?

What are some possible combinations that complete the number sentence?

Use what you know to solve: 12 x 11

Which combinations are the most useful for solving the multiplication problem?

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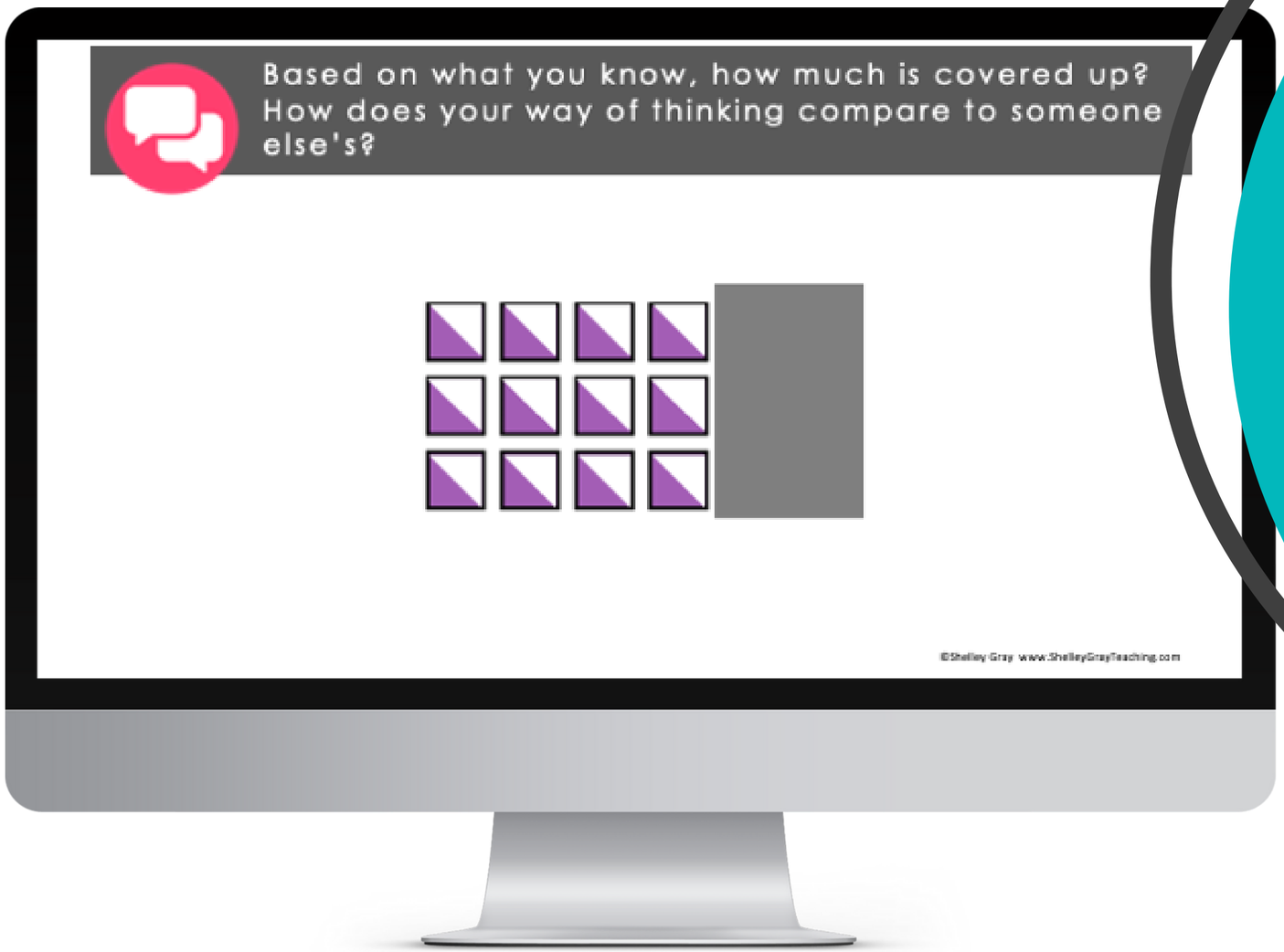


My students struggle with math anxiety. Incorporating these into the start of our lesson has helped them see that there is different ways of thinking.

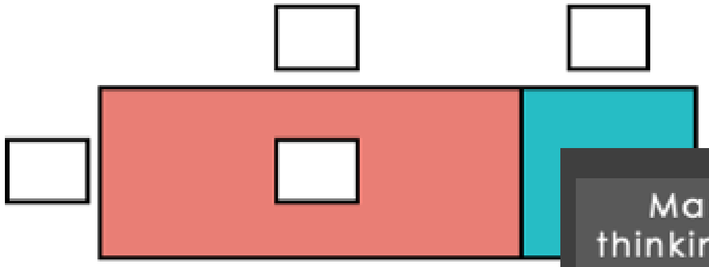
I am using this in my small group math stations. My students had a hard time with the fact that there isn't one specific answer I'm looking for, but they are starting to get the hang of it! I love seeing all the different strategies they use to solve the problems, and I've noticed that it's getting easier for them to explain their thinking!

I love how these incorporate different types of number talks but all in one place! We use a slide each day at the start of class and my students LOVE them. I also appreciate that these number talks provide entry points for ALL students, regardless of where they are at in their learning.

More sample slides

so you know exactly what to expect

What multiplication equation could the area model below represent?



Marie partially filled her fish
thinking about how much water
it is full

What information do you need to answer the question?

What information can you gather from the image?

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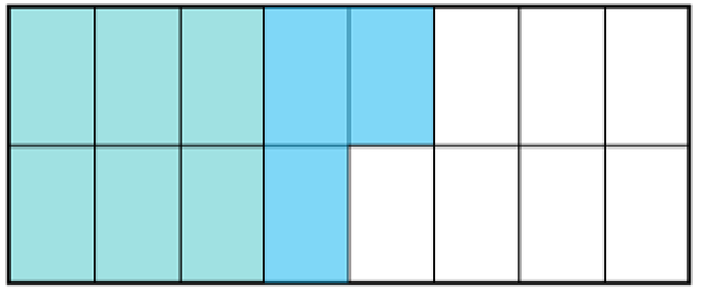
What does this image represent? Is there more than one option? Explain your thinking.



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More sample slides

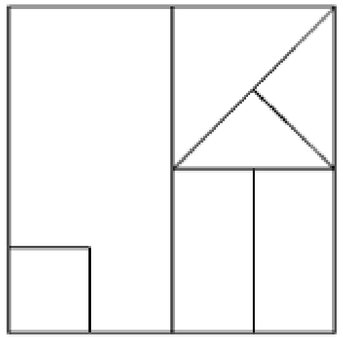
so you know exactly what to expect

A theme park wants to offer a promotion on ticket prices. Look at their billboard below.

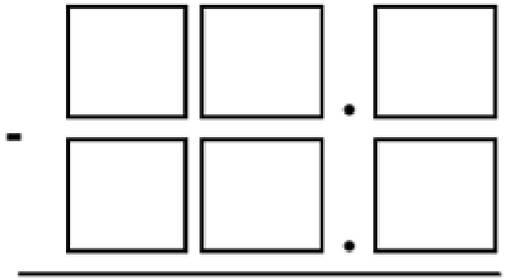
TICKET NUMBER	COST PER TICKET
1 ticket	$30
2 tickets	$50
4 tickets	$80
8 tickets	$

What do you notice? What

Share a true statem
below.



Create a subtraction problem with a difference as close to 0 as possible. Can you only use each number once to do this?



1 2 3
4 5 6
7 8 9
0

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More sample slides

so you know exactly what to expect

Without finding the product, how can you describe the product of **0.5 x 75**?

Use phrases like:

- The product is greater than..
- The product is less than... I k
- The product is not... I know t

How many ways can you de
fraction?

$$2\frac{2}{3}$$

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Rosalind likes to use multiplication facts that she knows to help her solve division problems like **275 ÷ 5**.

5 x 5 = 25

Look at the fact that she has brainstormed so far. What other facts could be useful?

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More sample slides

so you know exactly what to expect

A set of fraction strips was arranged on a table.

What do you notice? Wh
you ask?

What could go in the blanks? J
answer.

350 x 20 > ☐ x ☐

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Think about it.

On his last four visits to the grocery store, Sal has spent the following amounts:

- **$57.18**
- **$72.45**
- **$15.60**
- **$134.16**

Estimate the total amount Sal has spent.

How did you estimate? Share your strategy and compare it with someone else's.

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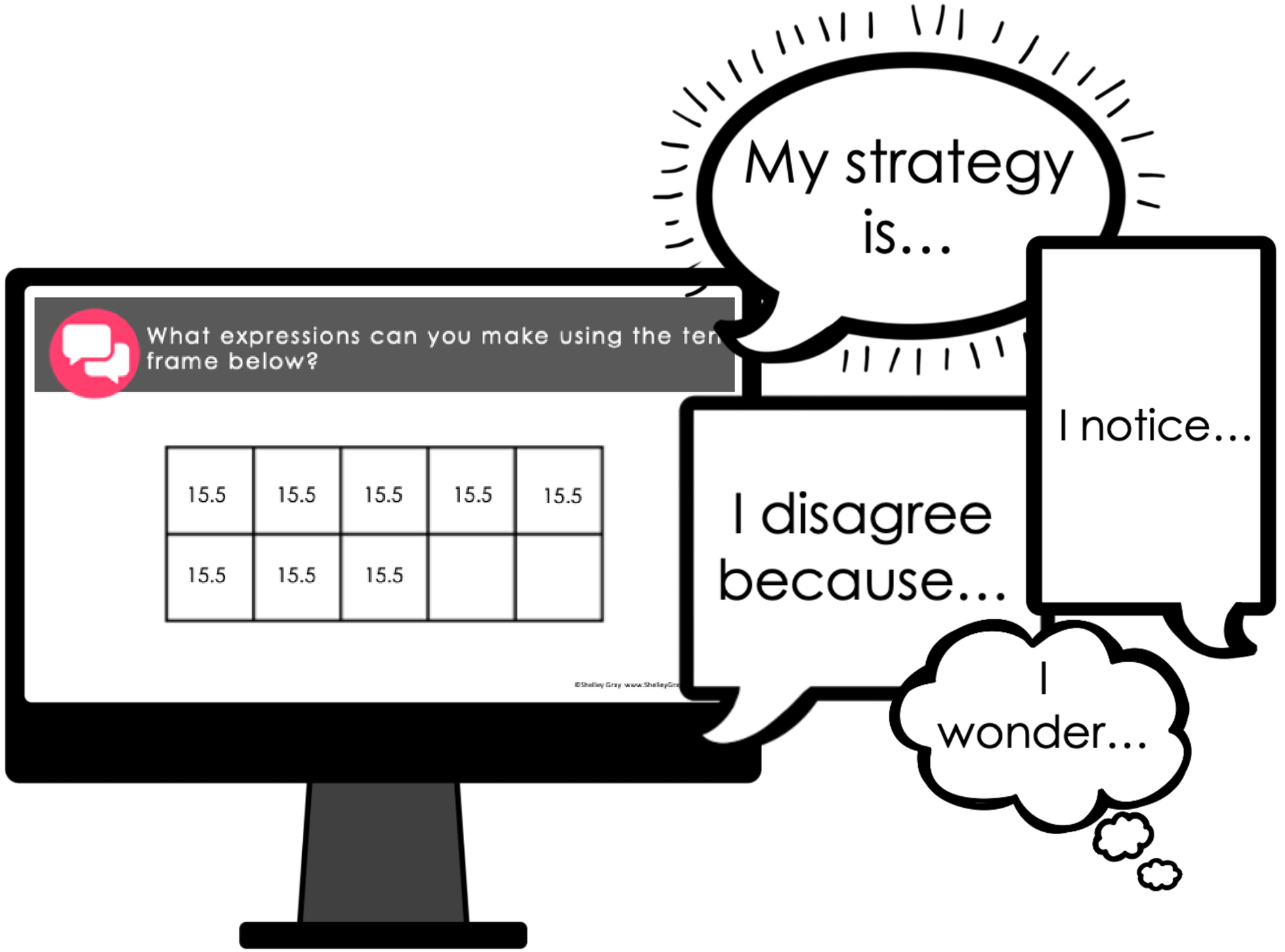
Ready to **take the guesswork out** of planning your **number talk routine** this year?