

GRADE 1

# MATH CONVERSATIONS FOR NUMBER TALKS

200  
SLIDES

What number tiles could go on the other end of the scale?

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My strategy  
is...

I disagree  
because...

I  
wonder...

I notice...

**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!**


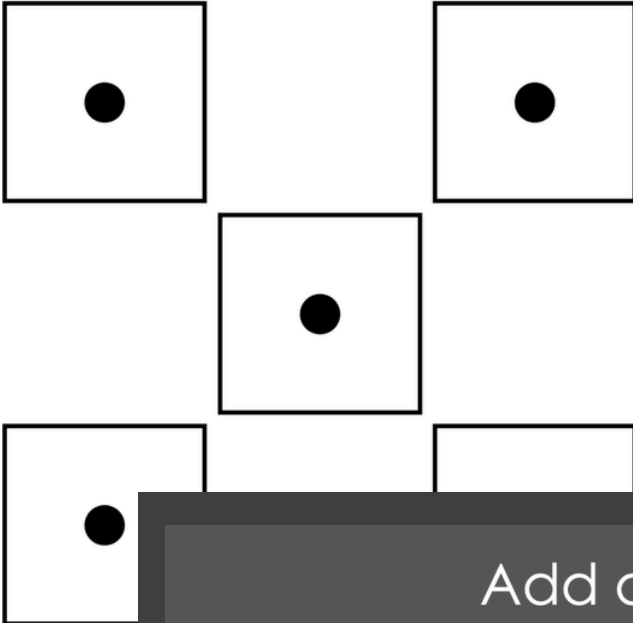


The slides are completely ready to go - **NO PREP!**

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




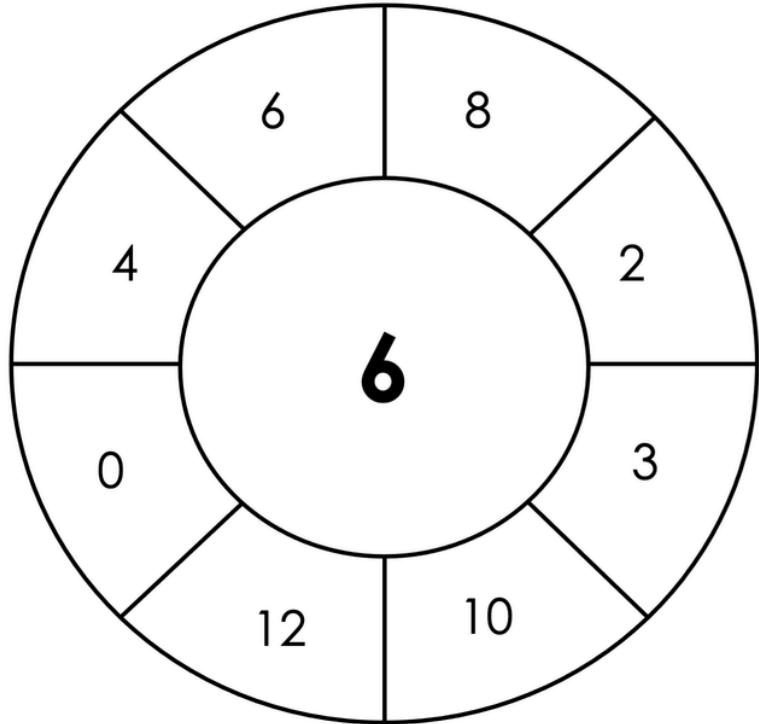
How many do you see?



How do you see them?

Compare your thinking with

Add or subtract to build the target number.



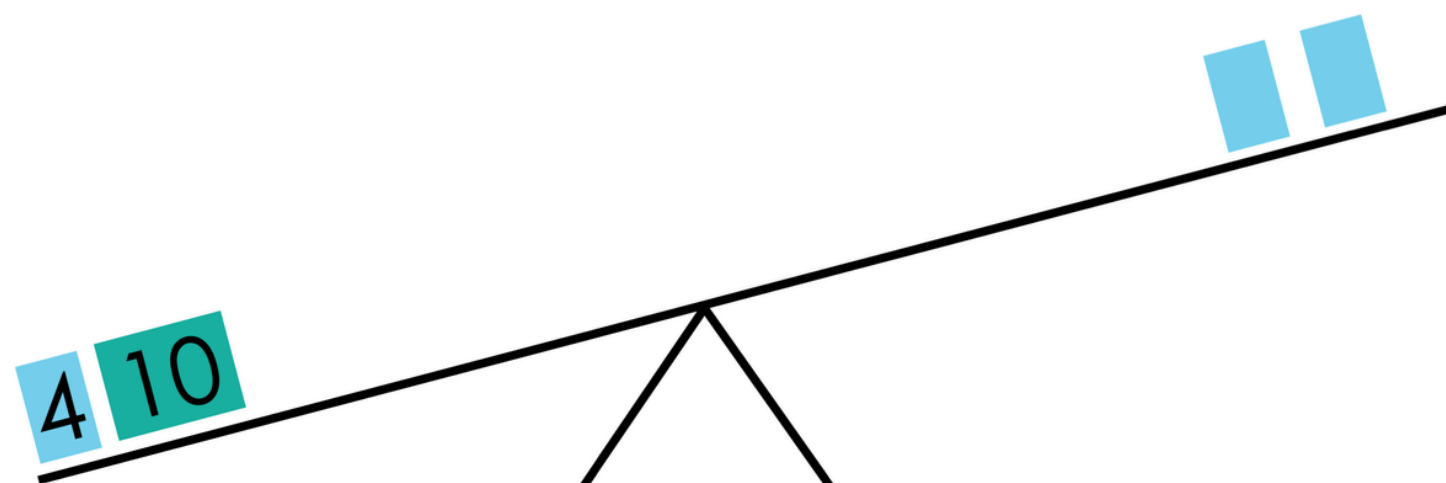
What strategies did you use to build the target number?

Can you find a way to build the number that is different from anyone else?

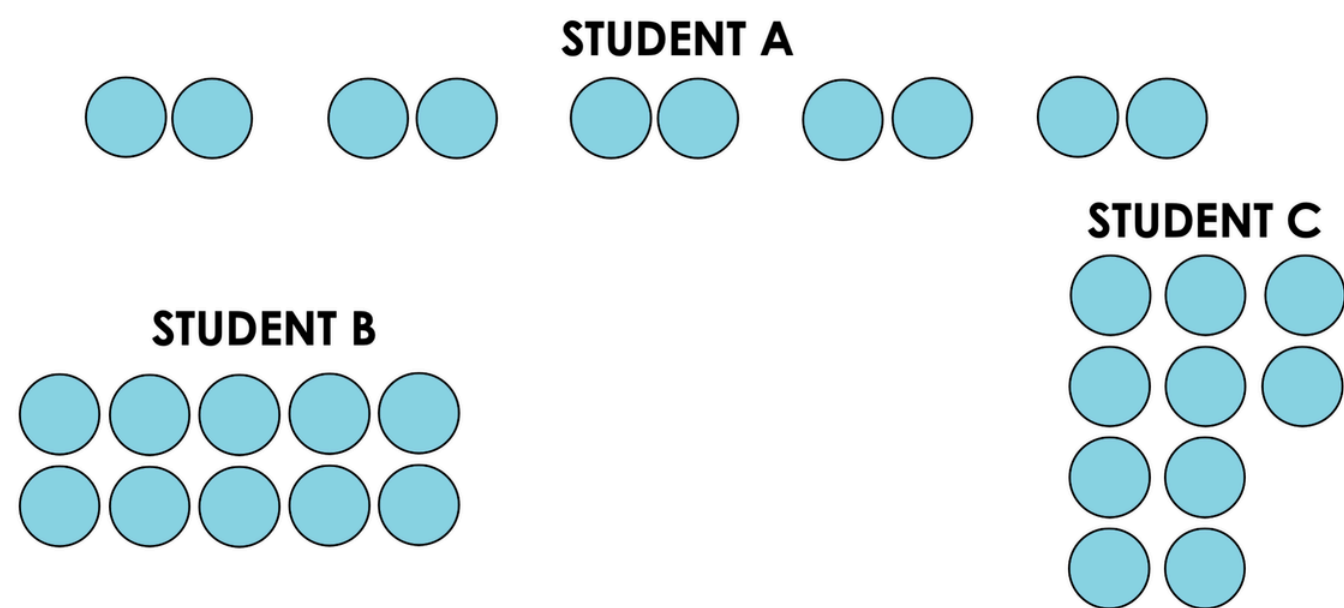
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What numbers could go in the boxes?



Three students were asked to arrange 10 counters on their desk. They arranged them differently.



What are the similarities and differences between each student's work? Could you arrange them another way?



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!

What do you notice? What do you wonder?



I notice...

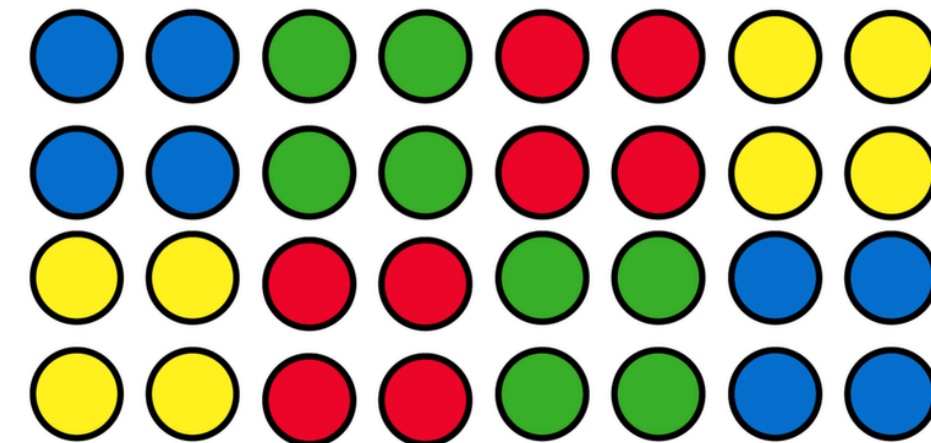
I wonder...

A question I have is...

I think...

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Layla was playing with counters. She made this picture.

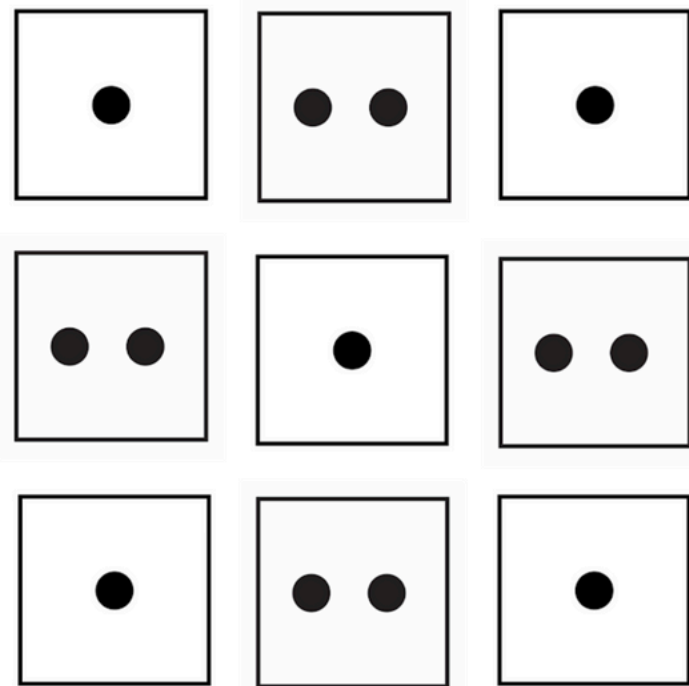


What does this picture represent? Share your thinking.

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How many do you see?



How do you see them?

Compare your thinking  
with someone else's.

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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.



A printable PDF version of all slides is also included. This enables you to print specific pages for small math group discussion.

Alternatively, post on a bulletin board as a Weekly Challenge or to use as an exit ticket activity.

**For example:**

Add or subtract to build the target number.

What strategies did you use to build the target number?

Can you find a way to build the number that is different from anyone else?

20-10=10  
8+2=10  
9+2-1=10

8+2+1-1=10  
~~12-2=10~~  
~~9+8=17~~  
~~10~~

10+10-10=10  
20-10=10  
12+8-10=10  
8+1+1=10  
9+1=10  
10+0=10  
2+8=10  
8+2=10  
12-1-1=10

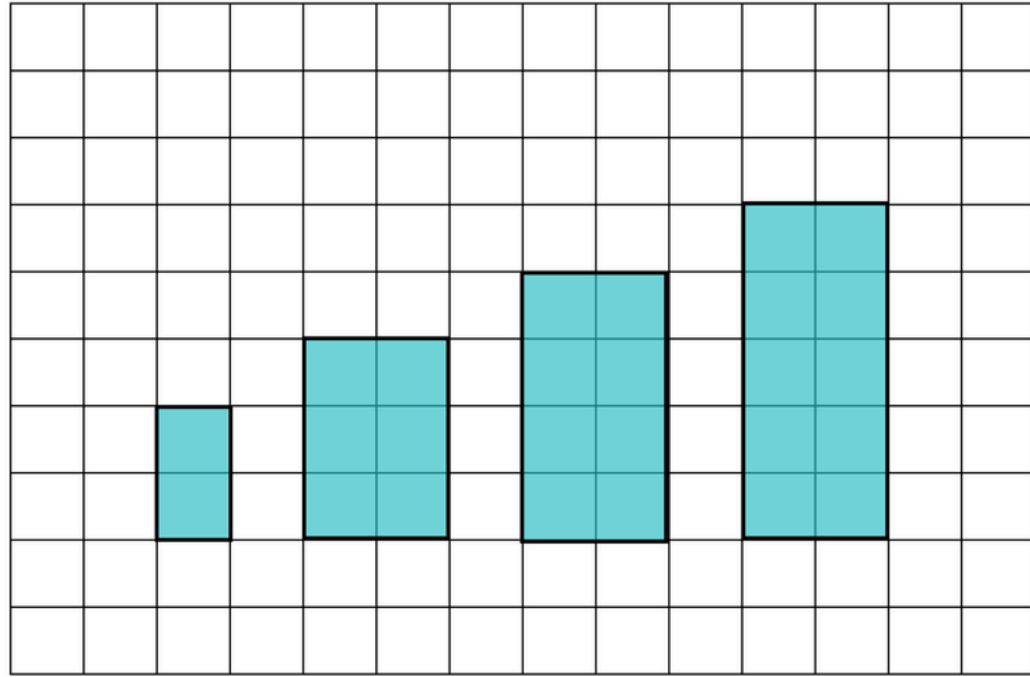
12-2=10  
(2x2)+8-2=10  
20-10=10  
2+2+2+2+2=10  
0+10=10

2+8=10  
9+1=10  
10+0=10

# More sample slides

so you know exactly what to expect

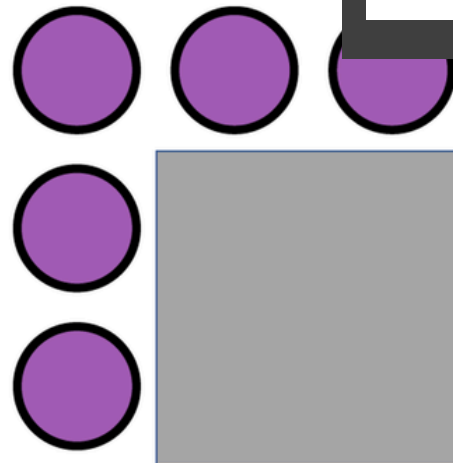
What do you notice about these shapes? What do you wonder?



How are they the



How many do you think  
know?



What pattern do you notice in this number chart? Is there more than one pattern?

52	53	54	55
62	63	64	65
72	73	74	75

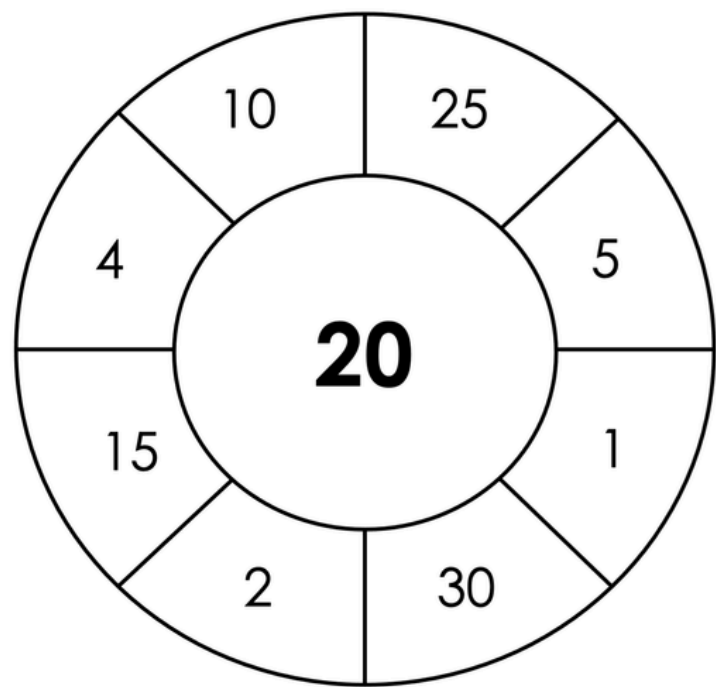
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# More sample slides

so you know exactly what to expect

Add or subtract to build the target number.

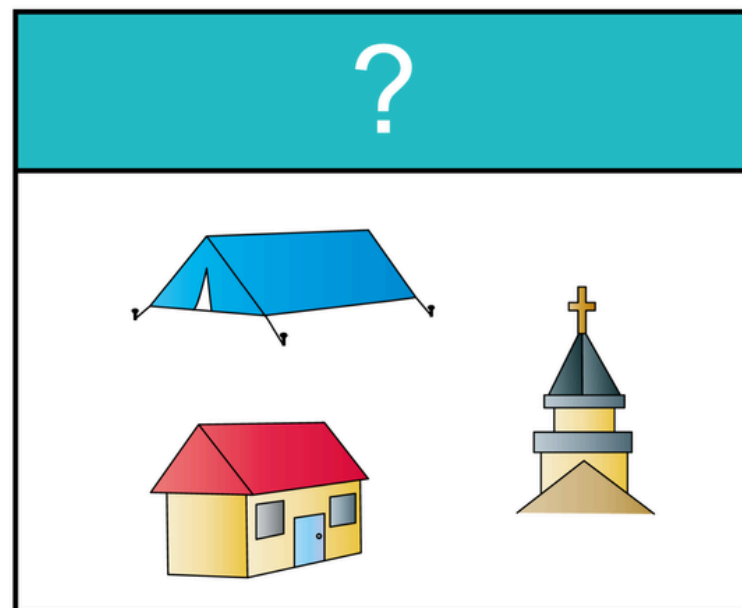


What strategies did you use to build the target number?

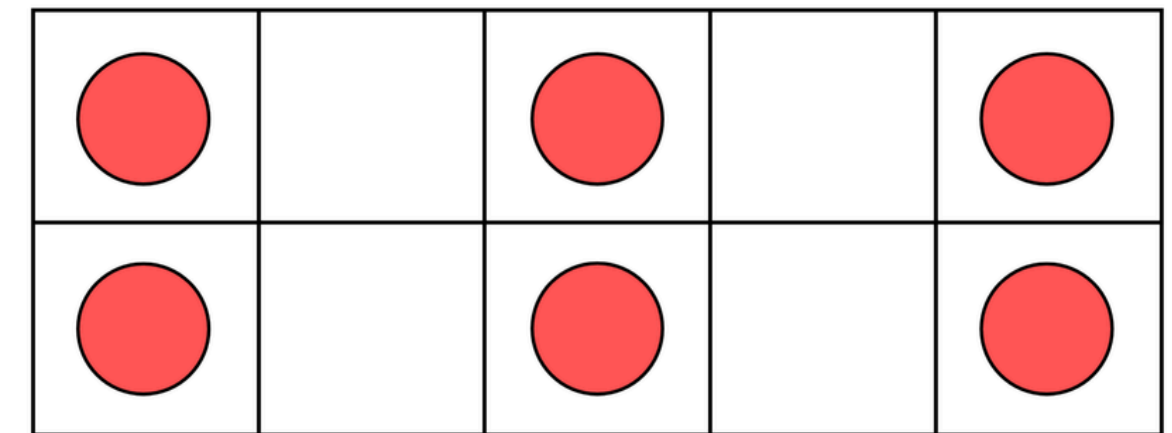
Can you build different numbers?



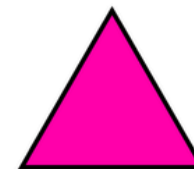
What could you label?



Are there different ways to see them?



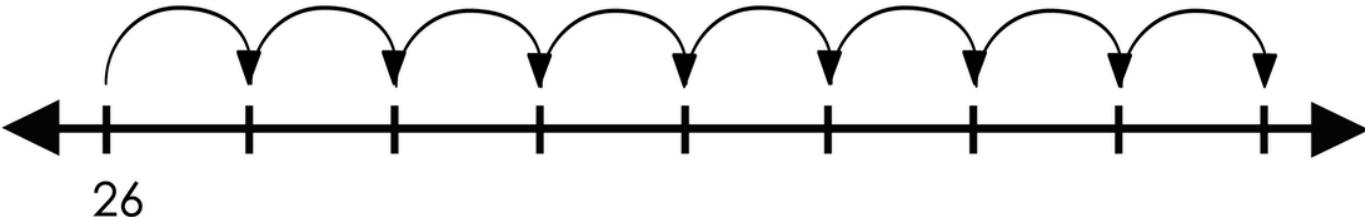
How many do you see?



# More sample slides

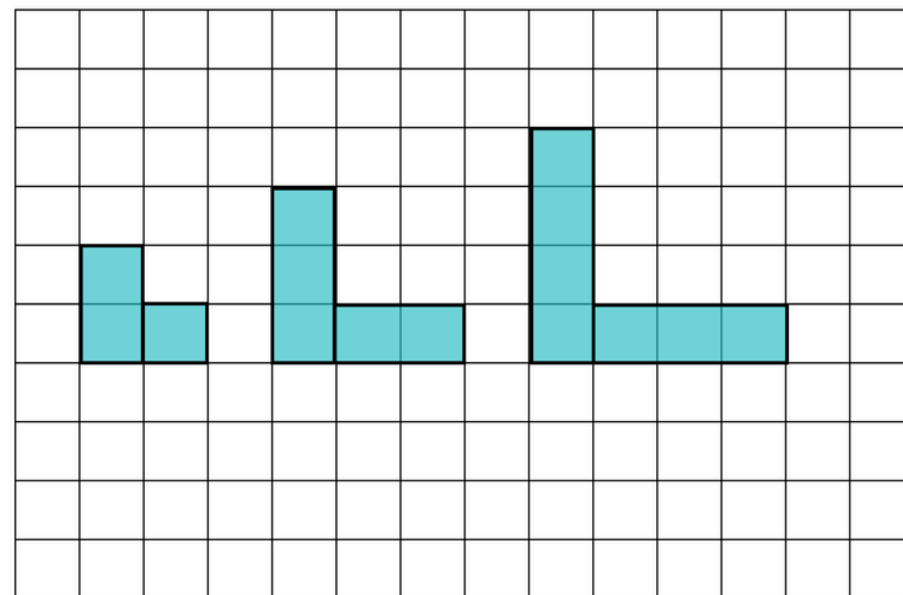
so you know exactly what to expect

What could this number line show?



26

What do you notice about these shapes? What do you wonder?



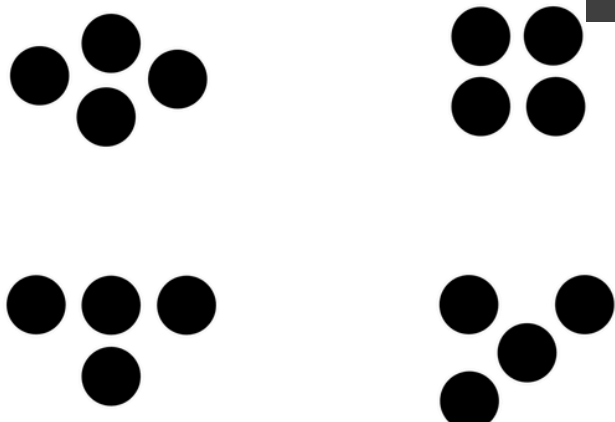


How are they the same?

How are they different?

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How many are covered?



How do you see them?

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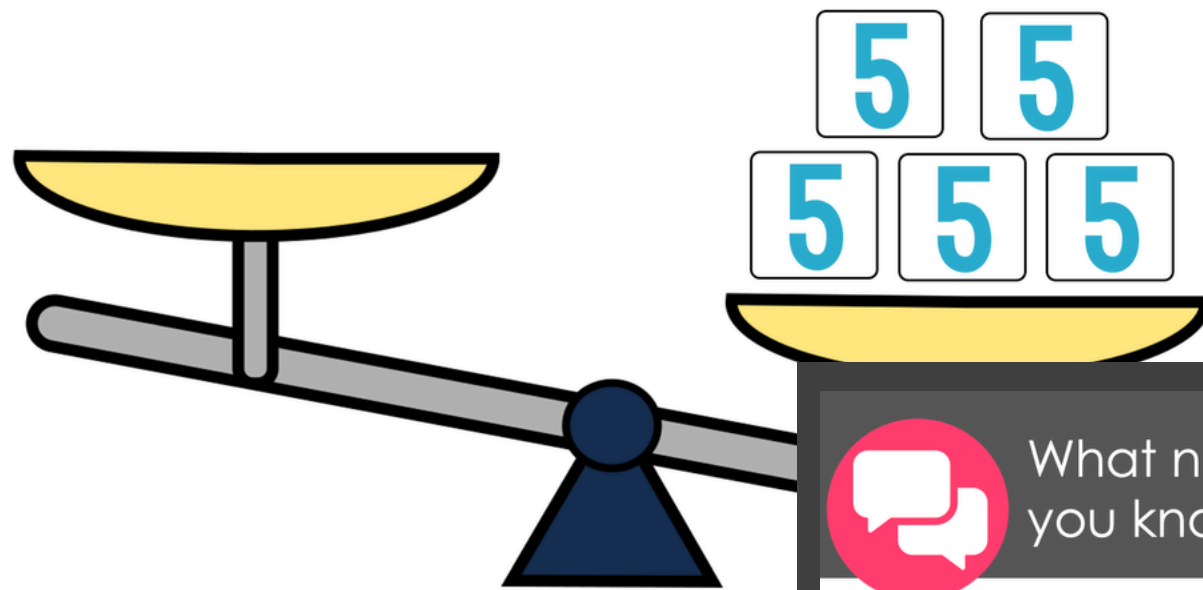


# More sample slides

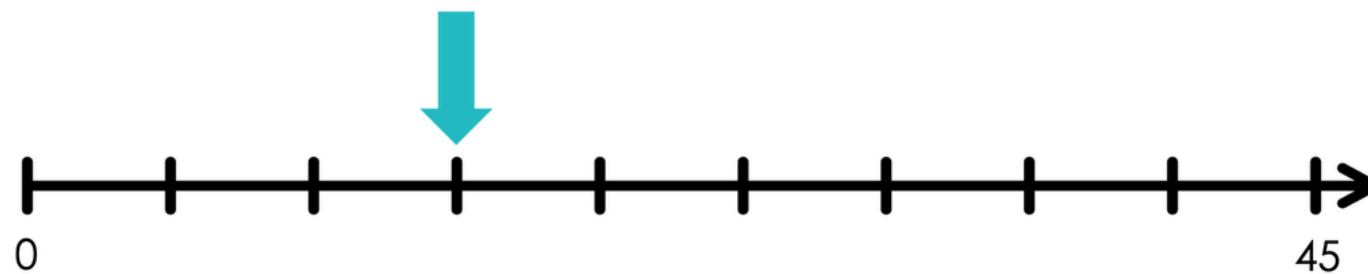
so you know exactly what to expect



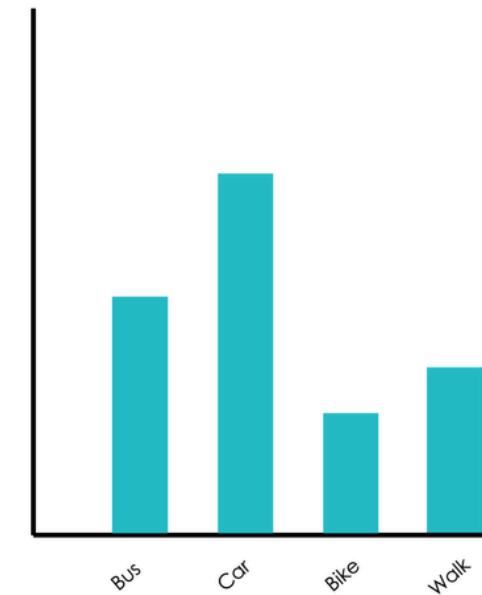
What number tiles could go on the other end of the scale?



What number could be located at the arrow?  
You know? Justify your answer.



What do you notice now? What do you wonder?



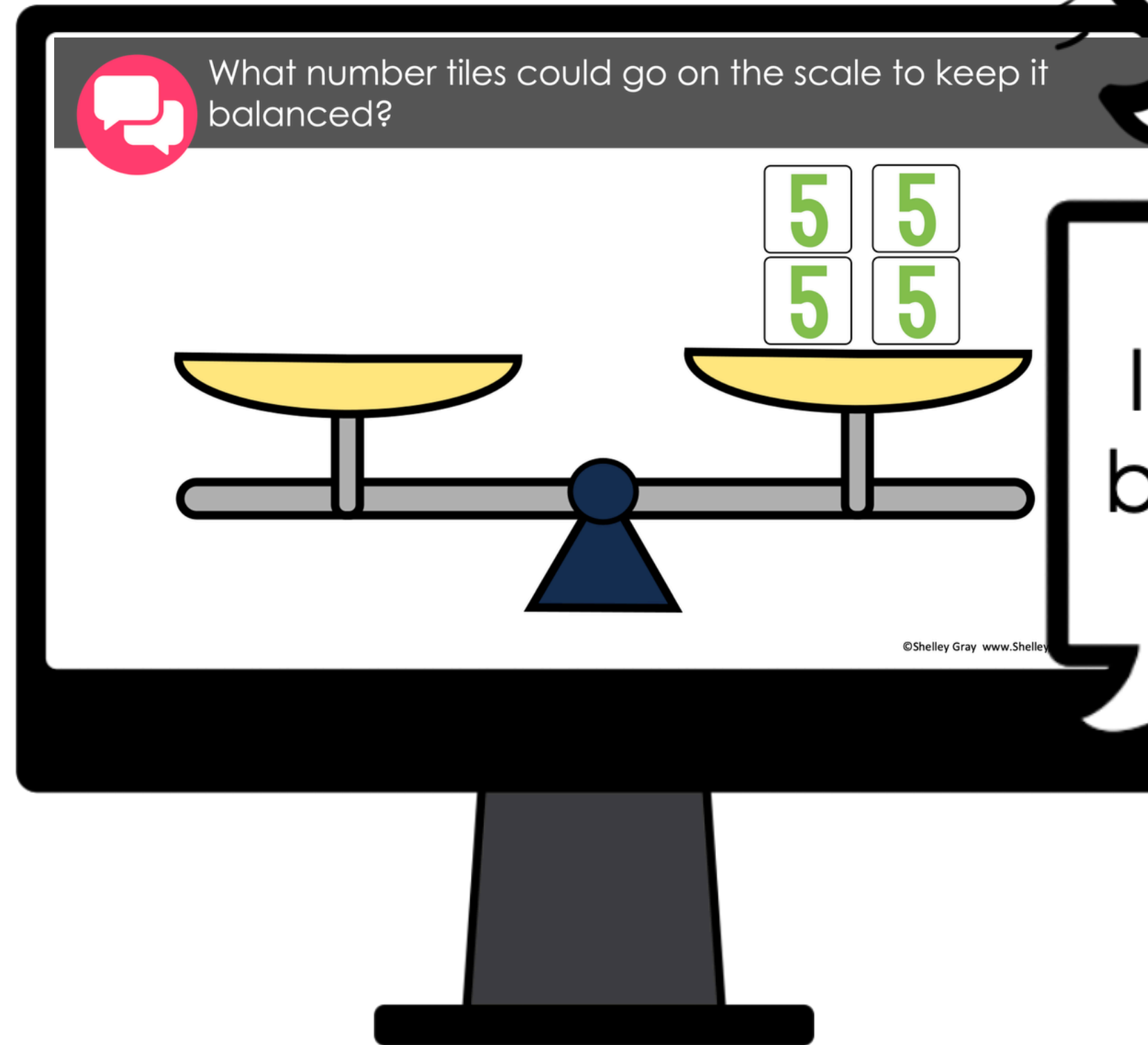
I notice...

I wonder...

A question I have is...

I think...

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



My strategy is...

I disagree because...

I notice...

I wonder...