Eureka Math

Kindergarten
Module 4
Lesson 25

At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.

Customize this Slideshow
Reflecting your Teaching Style and Learning Needs of Your Students

➢ When the Google Slides presentation is opened, it will look like Screen A.
➢ Click on the "pop-out" button in the upper right hand corner to change the view.
➢ The view now looks like Screen B.
➢ Within Google Slides (not Chrome), choose FILE.
➢ Choose MAKE A COPY and rename your presentation.
➢ Google Slides will open your renamed presentation.
➢ It is now editable & housed in MY DRIVE.
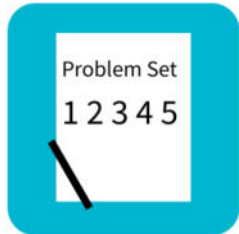
Icons

RDW — Read, Draw, Write

Learning Target

Personal White Board

Problem Set

Manipulatives Needed

Fluency

Think Pair Share

Whole Class
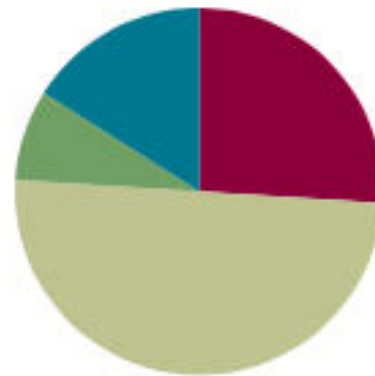
Individual

Partner

Small Group

Small Group Time

Lesson 25

Objective: Model decompositions of 9 using a story situation, objects, and number bonds.

Suggested Lesson Structure

■	Fluency Practice	(13 minutes)
■	Application Problem	(4 minutes)
■	Concept Development	(25 minutes)
■	Student Debrief	(8 minutes)
	Total Time	**(50 minutes)**

Materials Needed

Teacher

- 20-bead Rekenrek
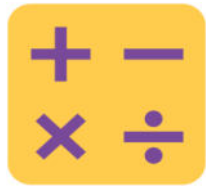- Large 5-group cards (1—4) (Lesson 12 Fluency Template 2)

Materials Needed

Students
- Personal white board
- Array of 9 (Fluency Template)
- 9 teddy bear counters or other manipulatives
- 1 paper bowl (per pair)

I can model decompositions of 9 using a story situation, objects, and number bonds.

Rekenrek Wave
3 min

We've been counting with the Rekenrek the Say Ten Way.

Today we will count the regular way to say the numbers that come after 10.

Rekenrek Wave
3 min

(Show 10 beads on the top row of the Rekenrek).

Here is 10. 1 more than 10 is 11.

(Slide over 1 more bead.)

Say "eleven."

How many beads do you see?

Rekenrek Wave
3 min

(Show 11 beads on the Rekenrek).

Here is 11. 1 more than 11 is 12.

(Slide over 1 more bead.)

Say "twelve."

How many beads do you see?

Rekenrek Wave
3 min

(Show 12 beads on the Rekenrek).

Here is 12. 1 more than 12 is 13.

(Slide over 1 more bead.)

Say "thirteen."

How many beads do you see?

Rekenrek Wave
3 min

…. Repeat this process using the following possible sequence: 11, 12, 11, 12, 13, 12, 13, 12, 11.

Students can raise/lower their hands as the numbers increase/decrease to mimic the motion of a wave.

5 Group Flashes
5 minutes

(Show 4 dots) How many dots do you see?

How many more to make 5?

Say the number sentence.

Write the number sentence on your personal white board. Get ready. Show me.

4 + 1 = 5

5 Group Flashes
5 minutes

(Show 3 dots) How many dots do you see?

How many more to make 5?

Say the number sentence.

Write the number sentence on your personal white board. Get ready. Show me.

3 + 2 = 5
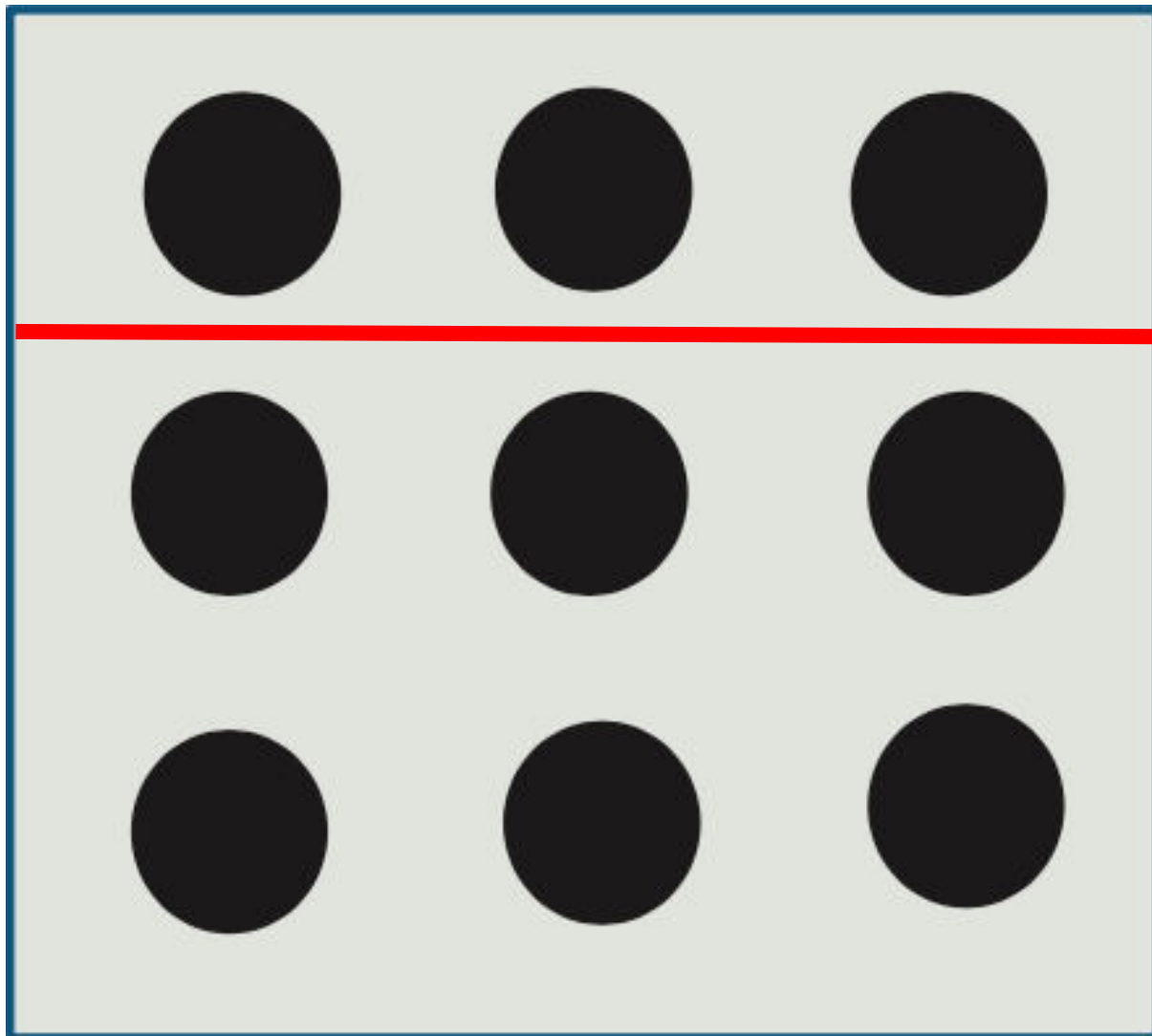
Continue: 2, 1, 4, 2, and 3

5 Group Flashes
5 minutes

(Show 2 dots) How many dots do you see?

How many more to make 5?

Say the number sentence.

Write the number sentence on your personal white board. Get ready. Show me.

2 + 3 = 5

Continue: 1, 4, 2, and 3

Take Apart the Array
5 min
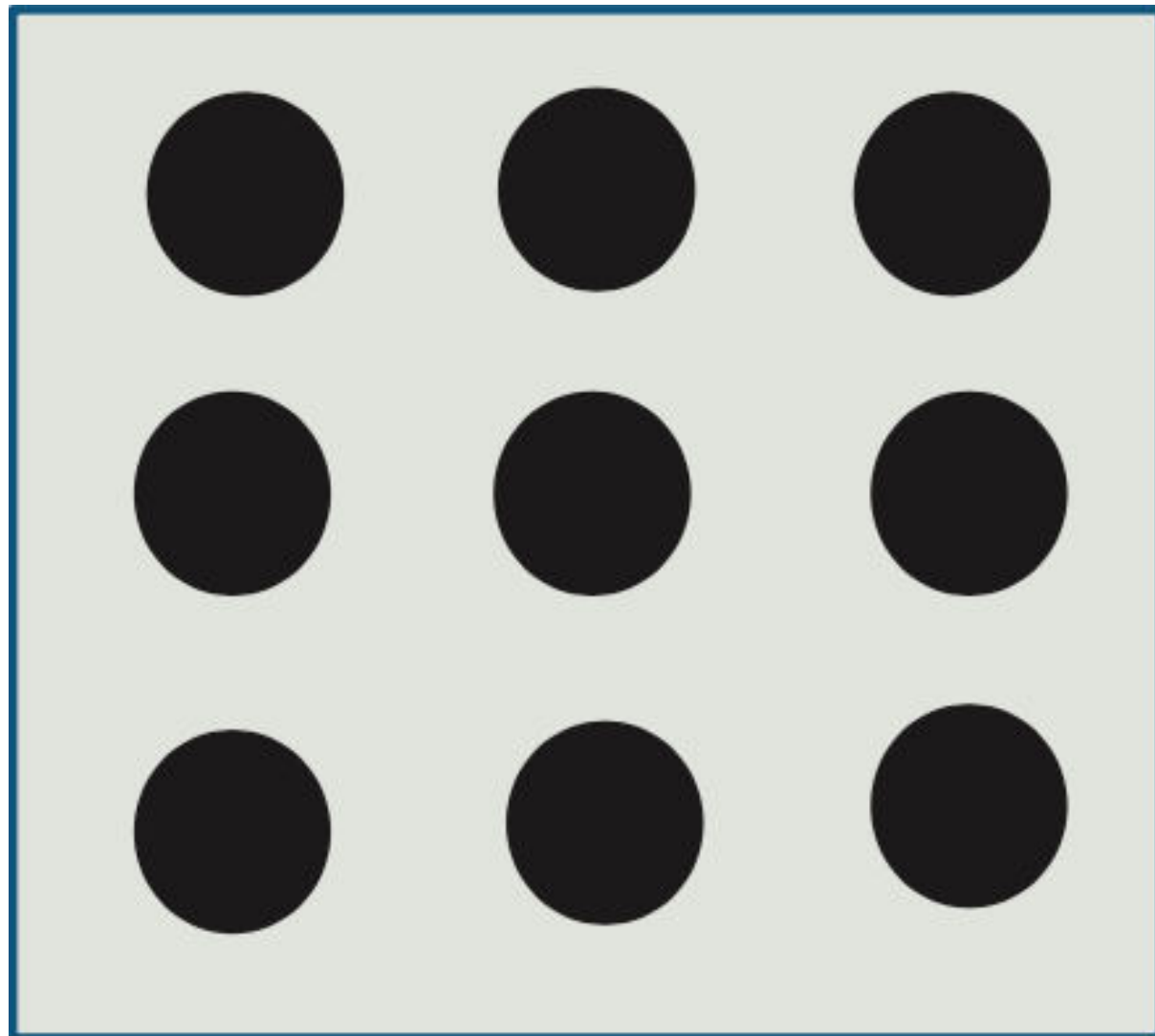
Let's count the dots.

So, our job is to take apart what number?
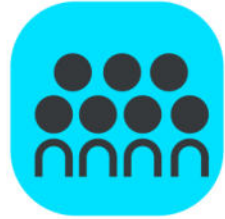
Take Apart the Array
5 min

We can take apart the 9 dots like this.
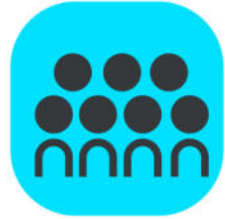
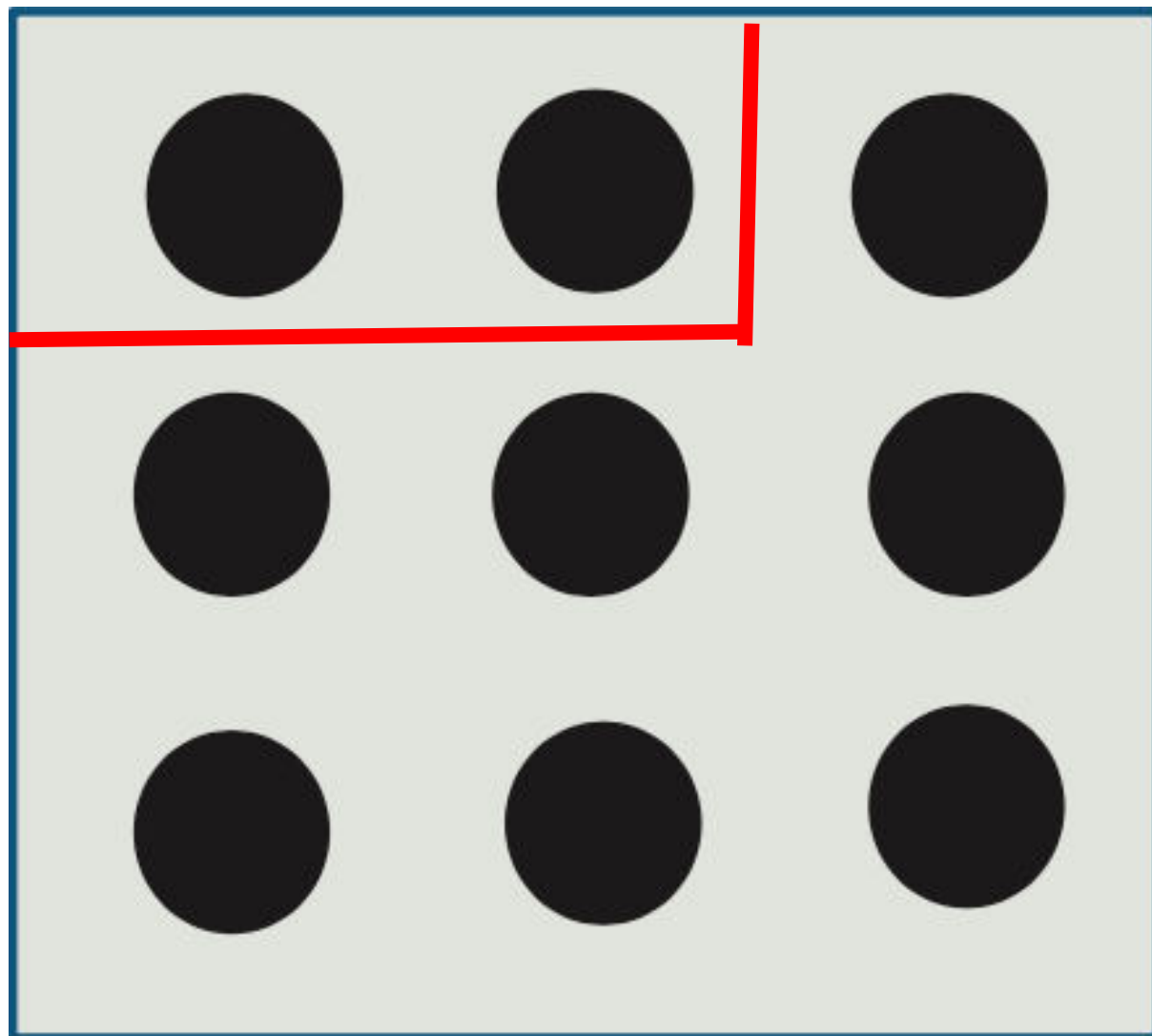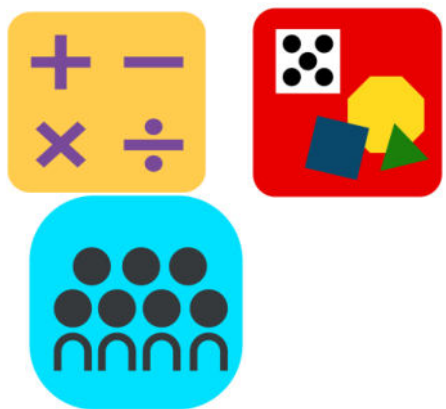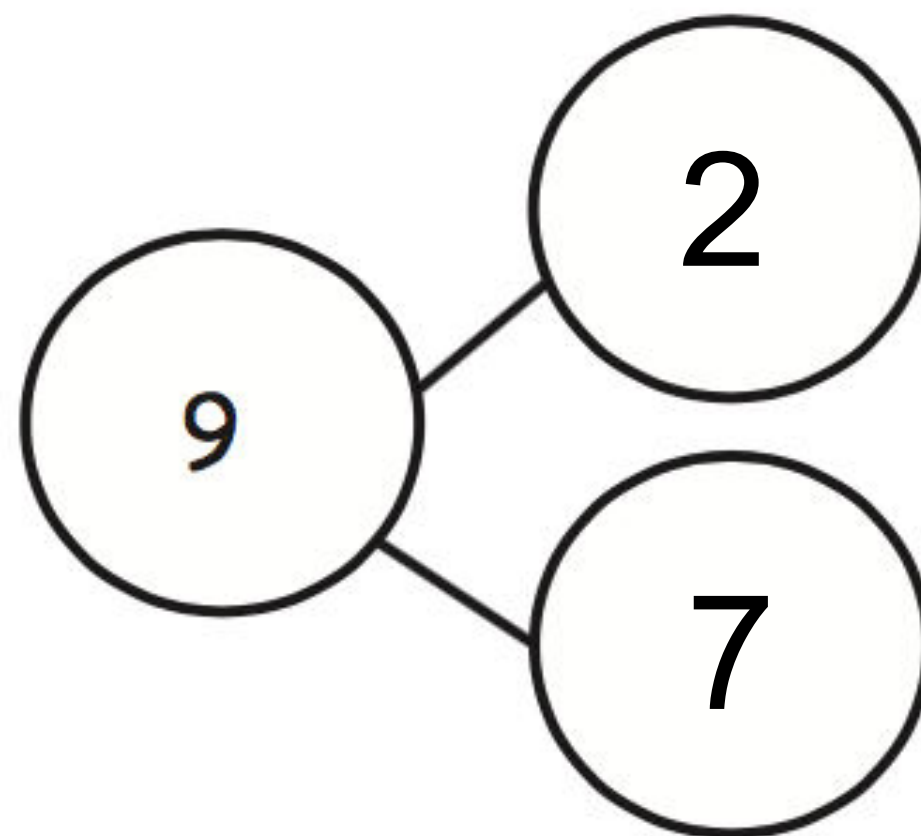How many dots are in this part?
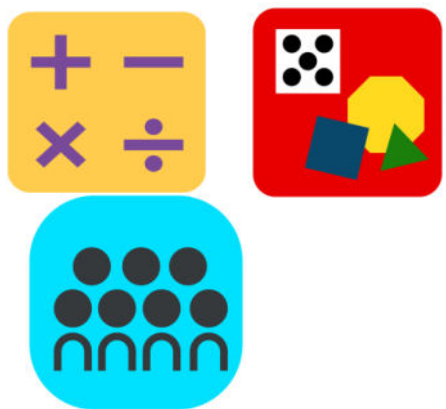
The other part?

Take Apart the Array
5 min
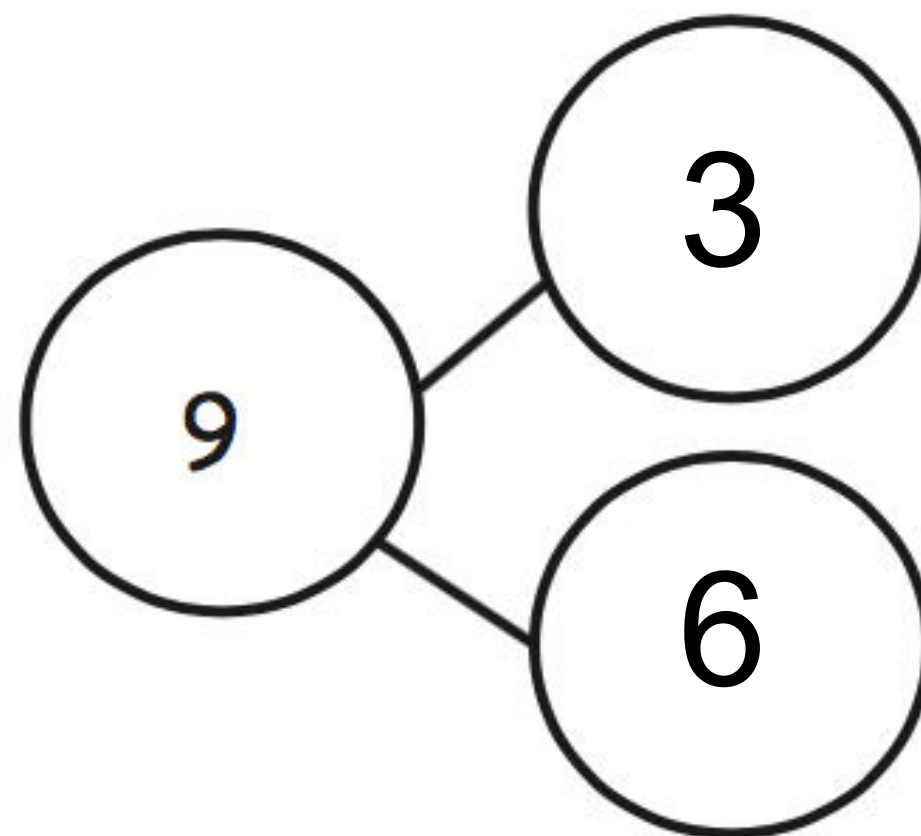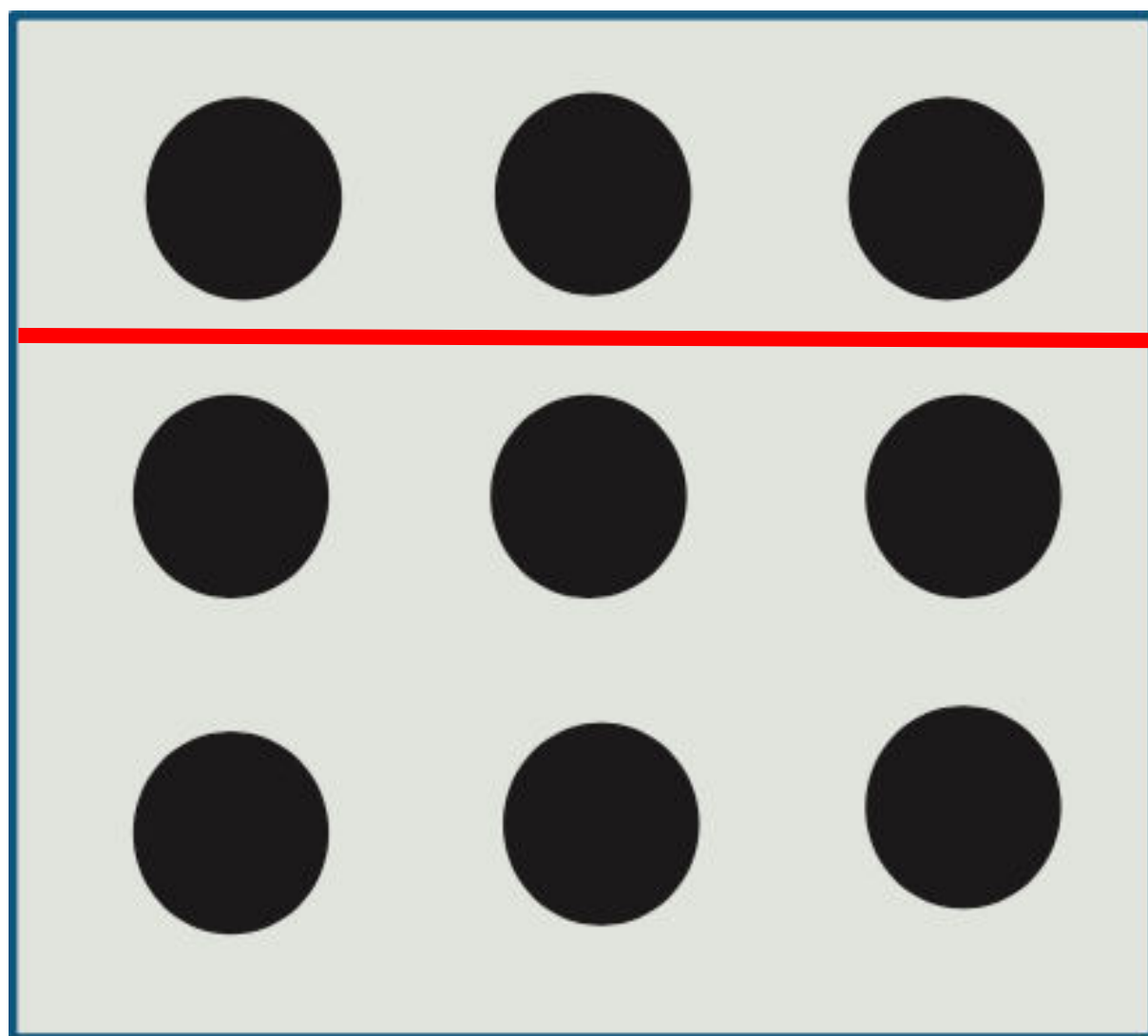
We can read it like this: 9 is 3 and 6.

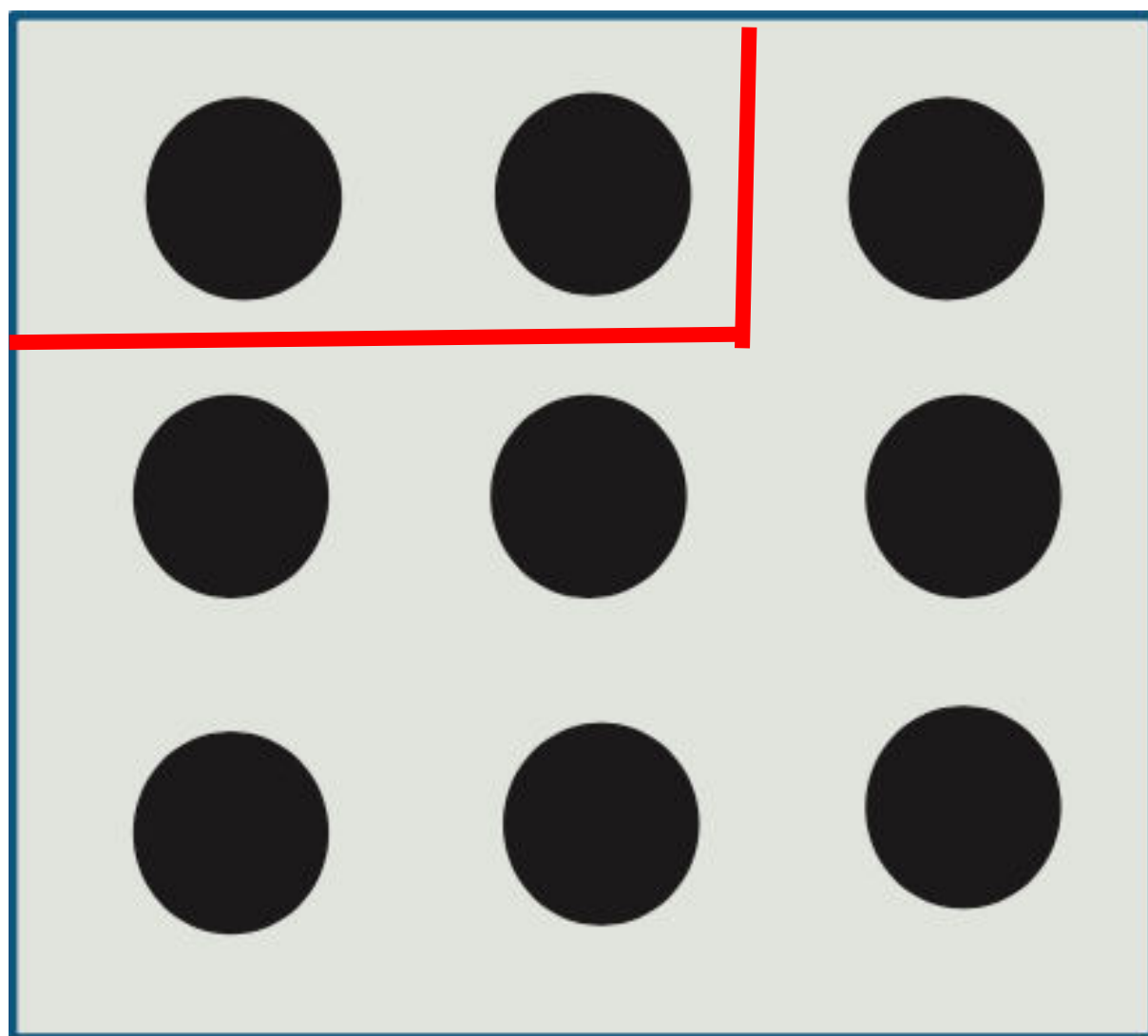# Take Apart the Array
5 min

We can take apart the 9 dots like this.

How many dots are in this part?

The other part?

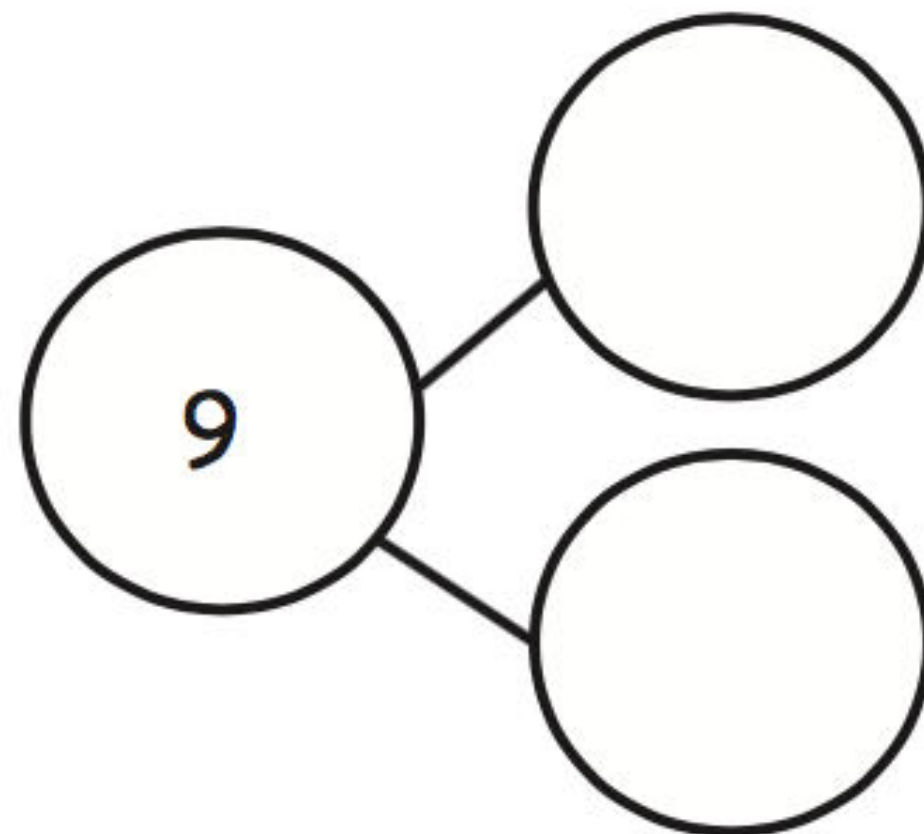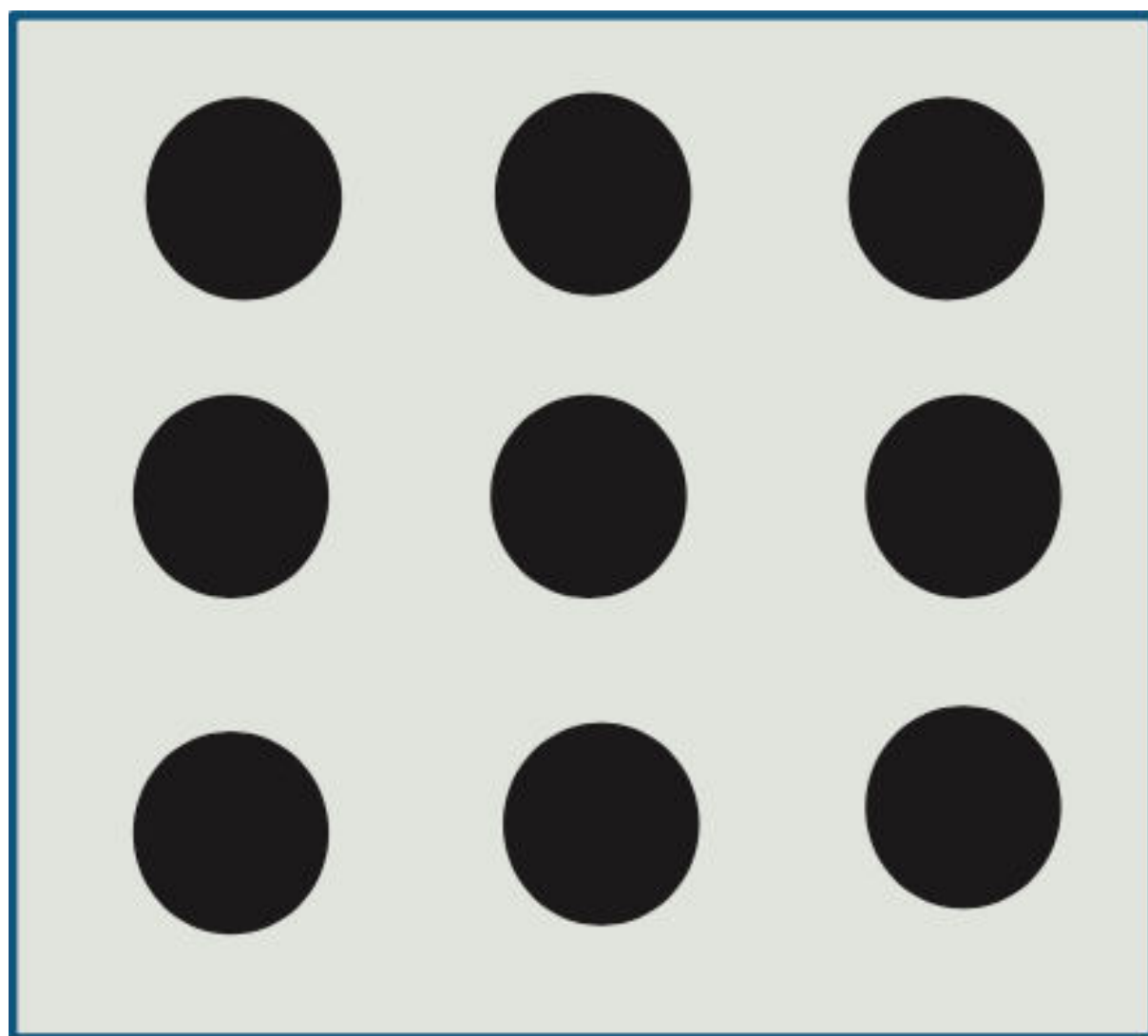# Take Apart the Array
5 min

We can read it like this: 9 is 2 and 7.

Take Apart the Array
5 min

Now it's your turn to take apart 9.

Application Problem
5 min

There were 9 flowers in Casey's beautiful garden. She had 2 vases.

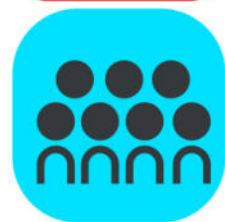Draw 1 way she could have put all of the flowers into the vases.

Application Problem

Show your picture to your partner. Did he draw the flowers in the vases the same way? Are both ways right?

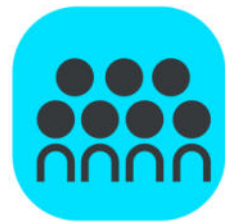Are there other ways you could have shown the flowers?

Concept Development
25 min

There were 9 bears in the forest. Some bears went to sleep in their caves, and some left to find a honey tree.

Use your counters to show the bears.

How many bears were there in all?

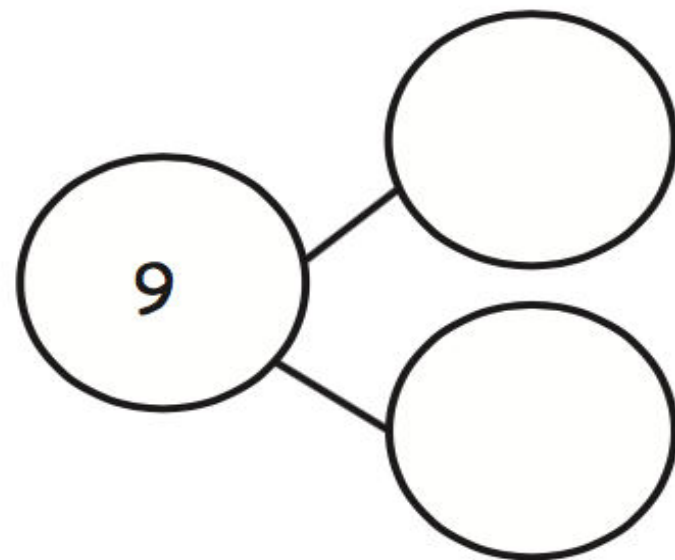I wonder how many bears were sleeping. Who would like to share an idea?
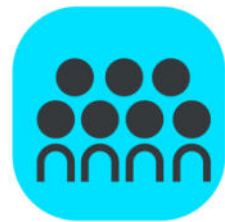
Concept Development 25 min

Arrange your counters to show the different groups.

Could we show this story in a number bond?

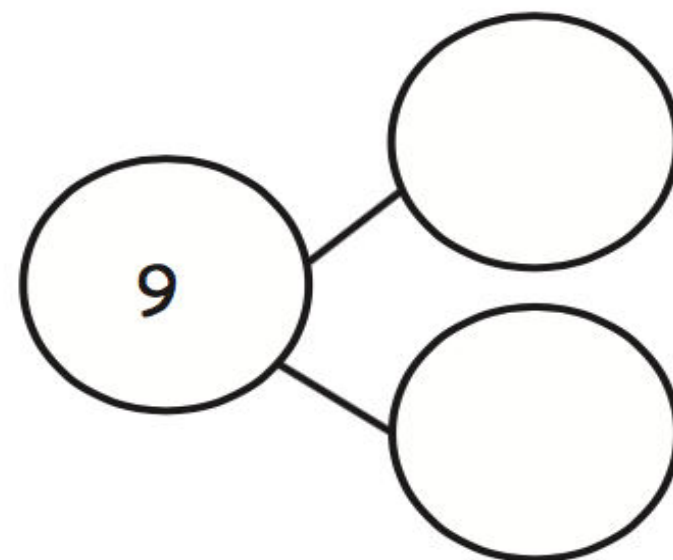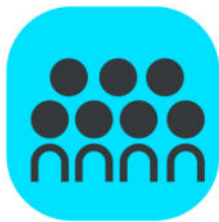How many bears are there in all? What number should go in the whole?

Concept Development
25 min

Draw the number bond and the whole. What are our parts?

Finish the number bond on your board.

Concept Development
25 min

Did anyone think about the story in another way?

If more bears were sleeping in the story this time, do you think there will be more or fewer bears hunting for honey now?

Let's show this new situation with your bears to find out!

Concept Development
25 min

You are going to play a game with your 9 teddy bears and your partner. While she closes her eyes, hide some of your bears under the bowl to show the sleepy bears in the cave. Then, tell your partner to open her eyes.

How many bears are outside? Can she figure out how many bears are hiding in the cave? If not, show her. Draw a number bond to show your story, and then switch!
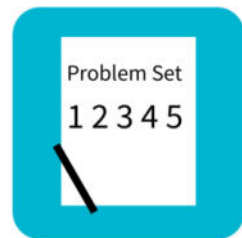
How many partners for 9 can you find?
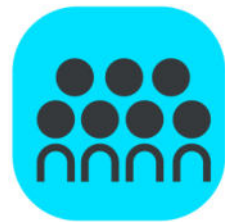
Concept Development
25 min

Let's show some of the number bonds you discovered on the board! What partners did you find?
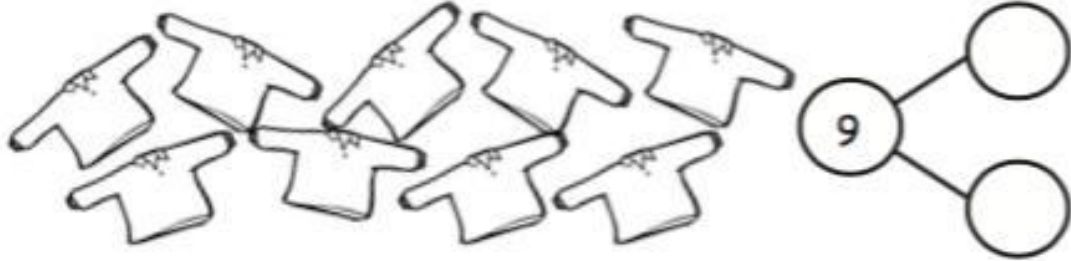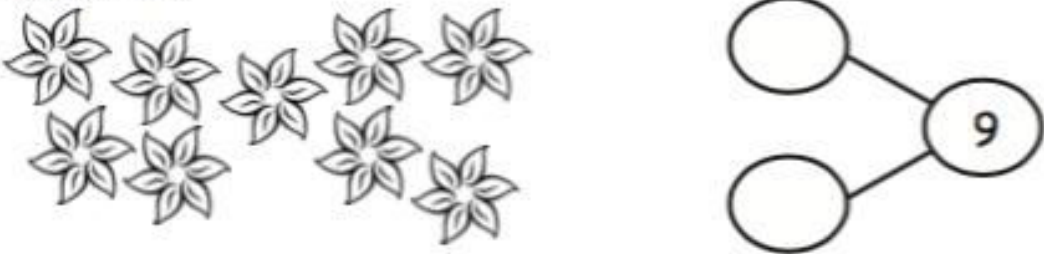
Problem Set-10 min
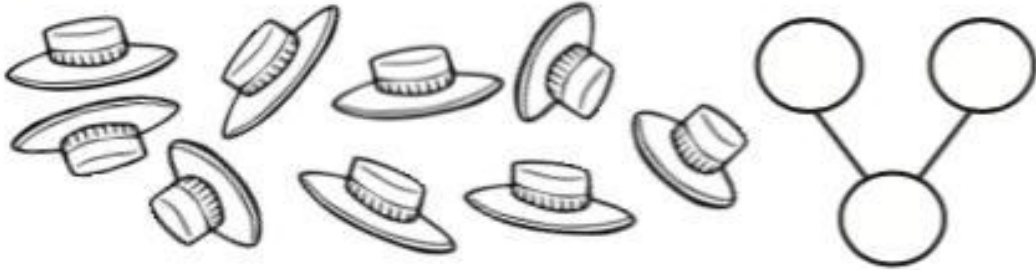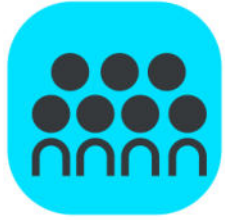
Debrief

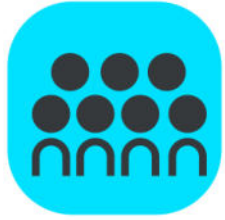What strategies did you use to fill in the number bonds in the Problem Set? Did you count each of the parts, or did you think in a different way?

How did you figure out how many bears were in the cave during your partner game?

How did you know where to write each part of the number bond on your personal white board?

Debrief

7 bears are sleeping, and 2 are in the honey tree. Here is the number bond. What if there were 2 bears sleeping and 7 in the honey tree? Would the number bond change? Does the story change?

Thumbs up if you think you are getting really good at putting together and taking apart numbers to 5. (Ask a few addition and subtraction questions, such as 3 + 2, 5 – 1, 4 + 1, and 3 – 2.)