Eureka Math

1st Grade
Module 1
Lesson 7

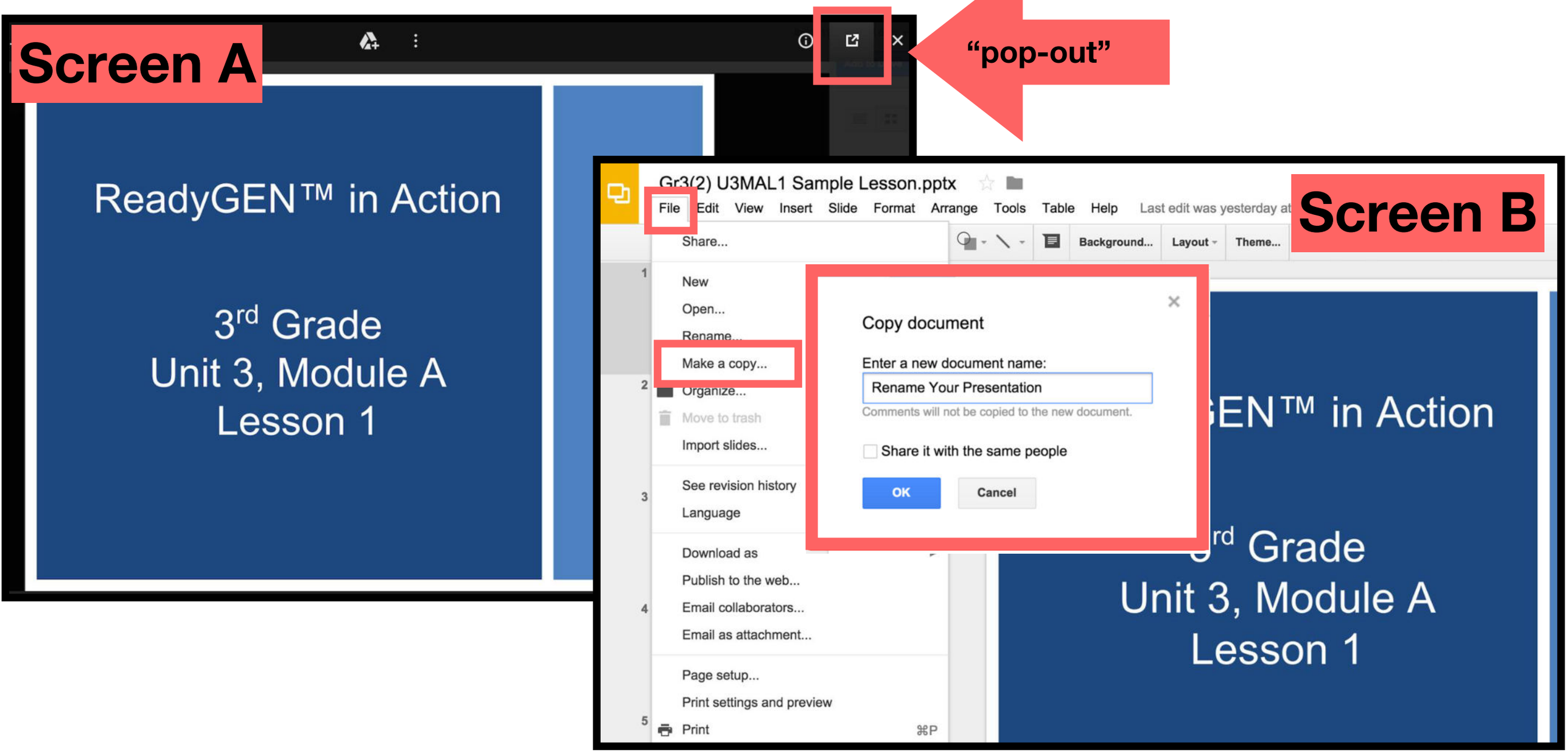
At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this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

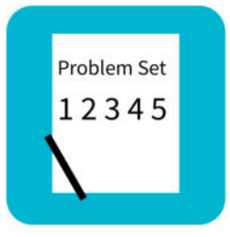


Icons

Read, Draw, Write

Learning Target

Personal White Board



Problem Set

Manipulatives Needed

Fluency

Think Pair Share

Whole Class

Individual

Partner

Small Group

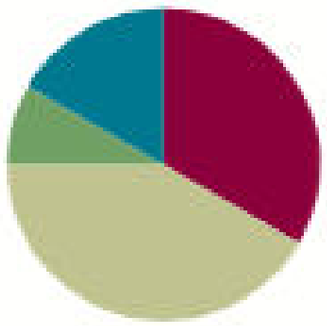
Small Group Time

Lesson 7

Objective: Represent *put together* situations with number bonds. Count on from one embedded number or part to totals of 8 and 9, and generate all expressions for each total.

Suggested Lesson Structure

Fluency Practice	(20 minutes)
Application Problem	(5 minutes)
Concept Development	(25 minutes)
Student Debrief	(10 minutes)
Total Time	**(60 minutes)**



Materials Needed

Teacher

- 9 books picture card (Template 1), 5-group cards (Lesson 5 Template 1), chart to record decompositions of 9

Student

- 8 two-color beans (disks or pennies work, too), personal white board, Shake Those Disks template (Fluency Template 1), bag of 20 linking cubes (10 each of 2 colors), Number Bond and Expressions (Template 2)

I can show a **put together situation** with number bonds.

I can count on from one part to a total of 8 and 9.

I can write all of the addition expressions for a total.

Sparkle: The Say Ten Way

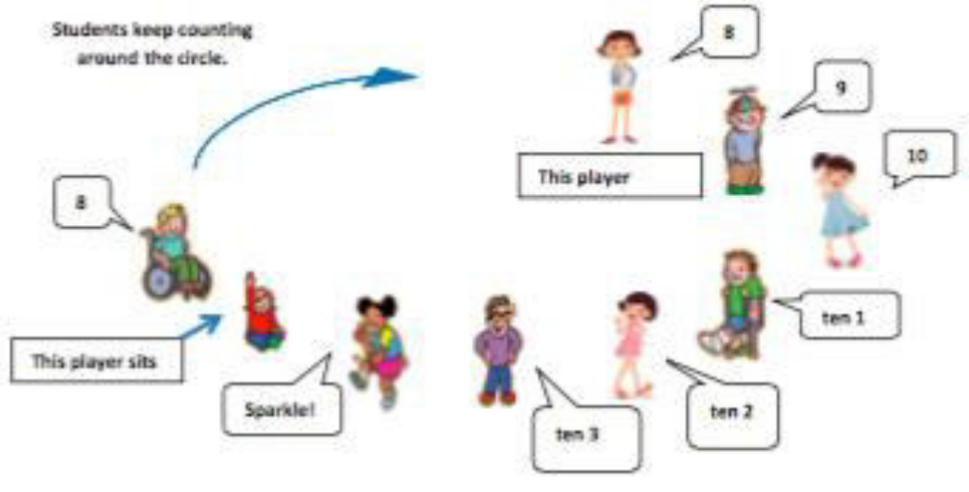
We are going to count the Say Ten Way from 8-13.

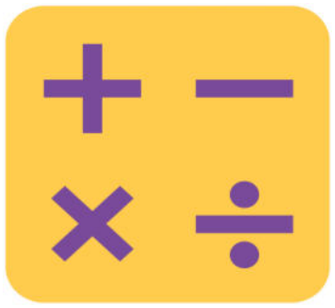
Let’s practice.

8, 9, 10, ten 1, ten 2, ten 3, Sparkle!

Sparkle: The Say Ten Way

We will count around the circle, each student saying one number. After the ending number is said, the next student says, “Sparkle!” and the following player sits. We’ll start again with the start number and continue counting in the same directions around the circle until only one player is standing.





Shake Those Disks: 8

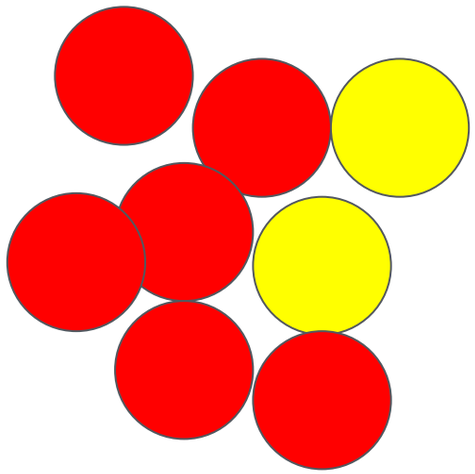
You and your partner will have 8 disks.

Take turns being the Shaker and the Recorder.

The Shaker shakes the disks and tosses them (gently!) on the table.

The Recorder records the roll on the Shake Those Disks graph.

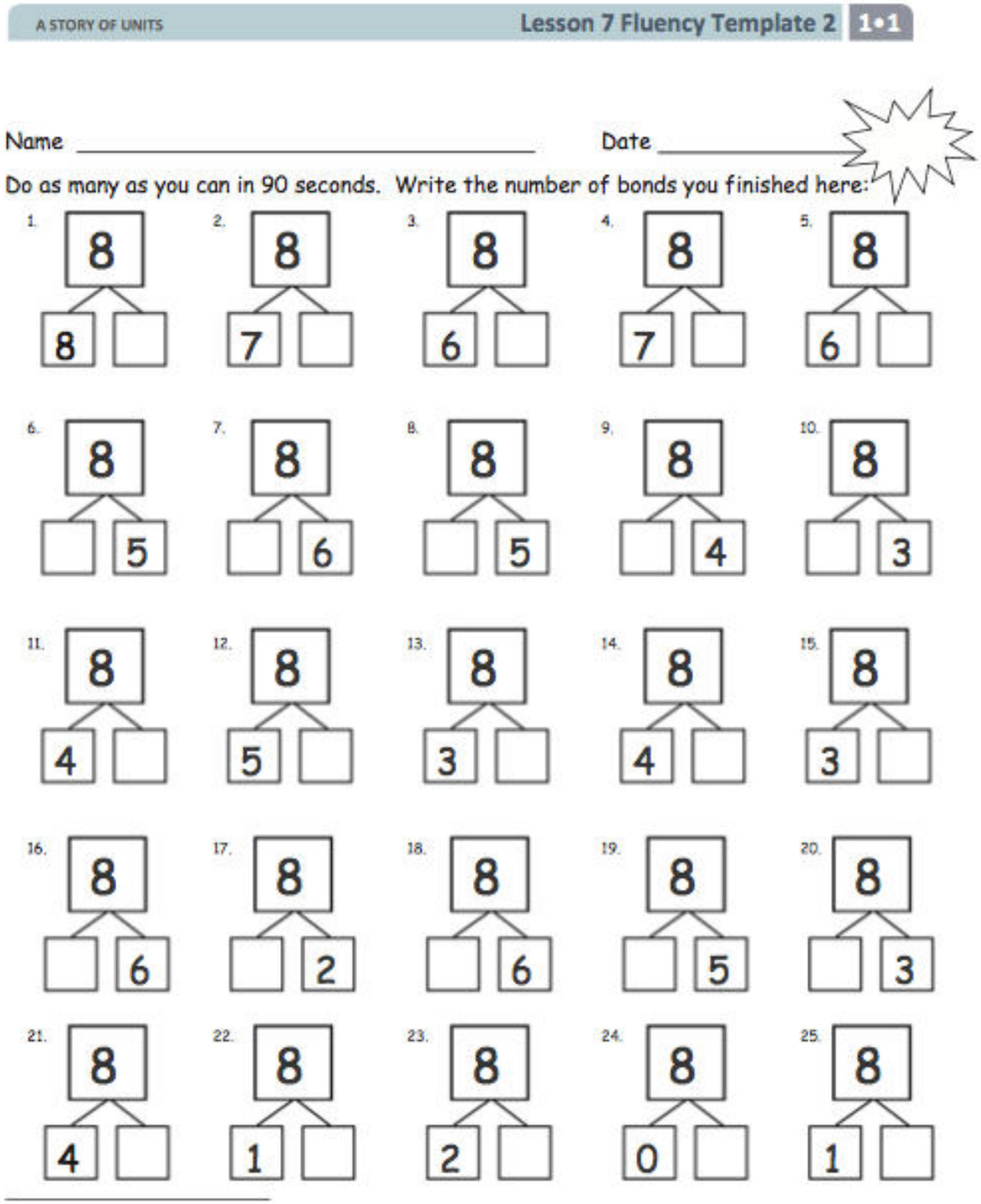
Shake Those Disks: 8



Shake Those Disks!—8

		X		
8 0 8	8 1 7	8 2 6	8 3 5	8 4 4

Number Bond Dash



A STORY OF UNITS — Lesson 7 Fluency Template 2 — 1•1

Name _____ Date _____

Do as many as you can in 90 seconds. Write the number of bonds you finished here:

1. 8 = 8 + ☐	2. 8 = 7 + ☐	3. 8 = 6 + ☐	4. 8 = 7 + ☐	5. 8 = 6 + ☐
6. 8 = ☐ + 5	7. 8 = ☐ + 6	8. 8 = ☐ + 5	9. 8 = ☐ + 4	10. 8 = ☐ + 3
11. 8 = 4 + ☐	12. 8 = 5 + ☐	13. 8 = 3 + ☐	14. 8 = 4 + ☐	15. 8 = 3 + ☐
16. 8 = ☐ + 6	17. 8 = ☐ + 2	18. 8 = ☐ + 6	19. 8 = ☐ + 5	20. 8 = ☐ + 3
21. 8 = 4 + ☐	22. 8 = 1 + ☐	23. 8 = 2 + ☐	24. 8 = 0 + ☐	25. 8 = 1 + ☐

Application Problem

RDW

Jenny has 8 flowers in a vase.

The flowers come in two different colors.

Draw a picture to show what the vase of flowers might look like.

Write a number sentence and a number bond to match your picture.

Concept Development

Concept Development

Look at the picture.

How many books do you see?

Concept Development

Turn to your partner and share the different ways you see 9 books.

Concept Development

Did anyone notice there are two shelves?

Are there some books on each shelf?

Concept Development

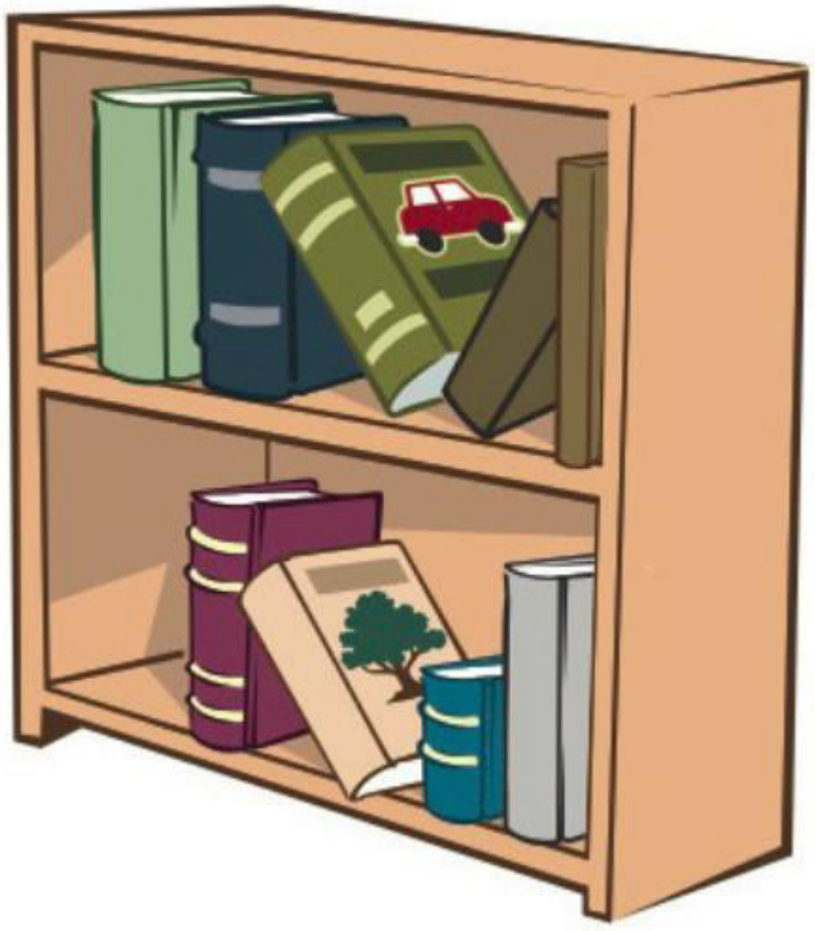
Using cubes that are the same color, show how many books there are on the top shelf, and put them together like a stick.

Then, place it into one part of your number bond.

Concept Development

How many books are on the top shelf?

Concept Development



Yes, 5!

How many books are on the bottom shelf?

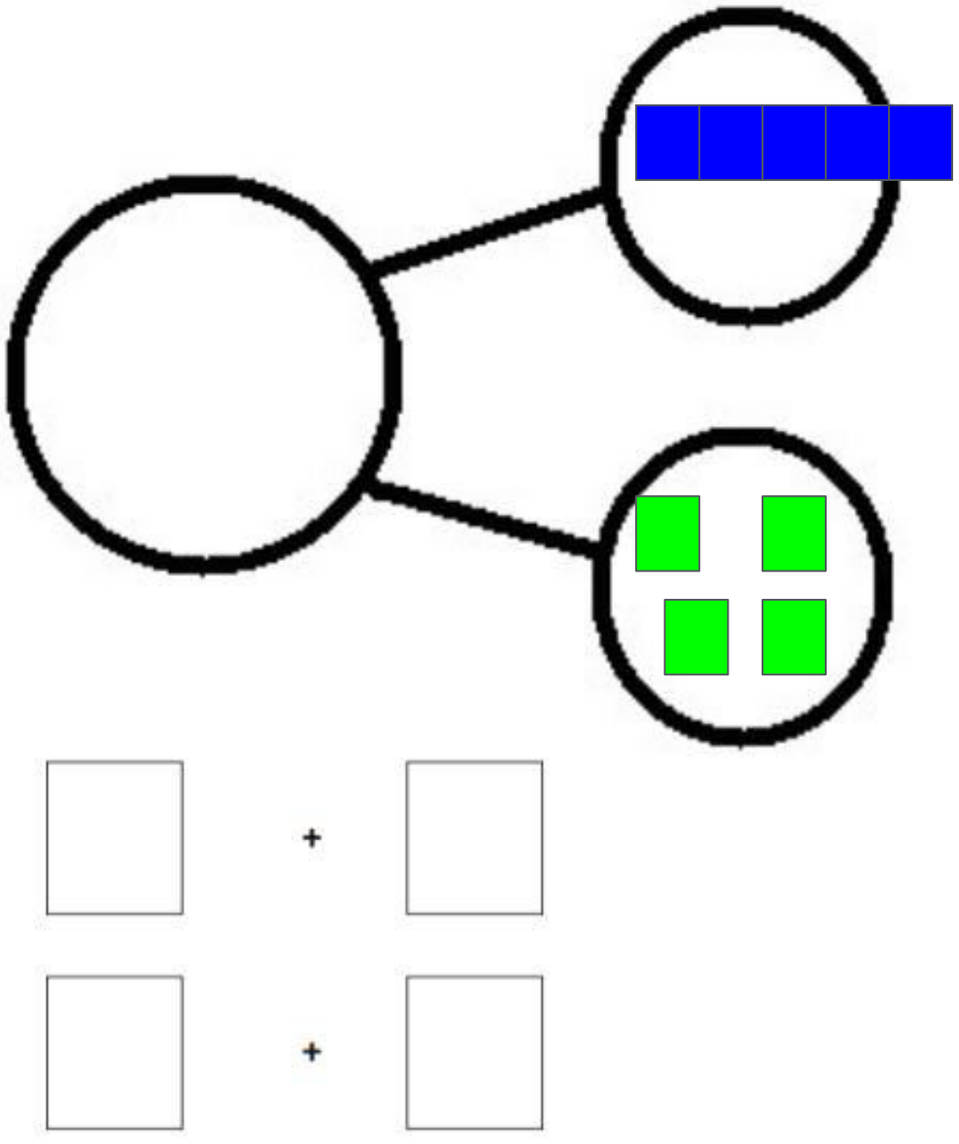
Concept Development

Yes, 4.

Concept Development

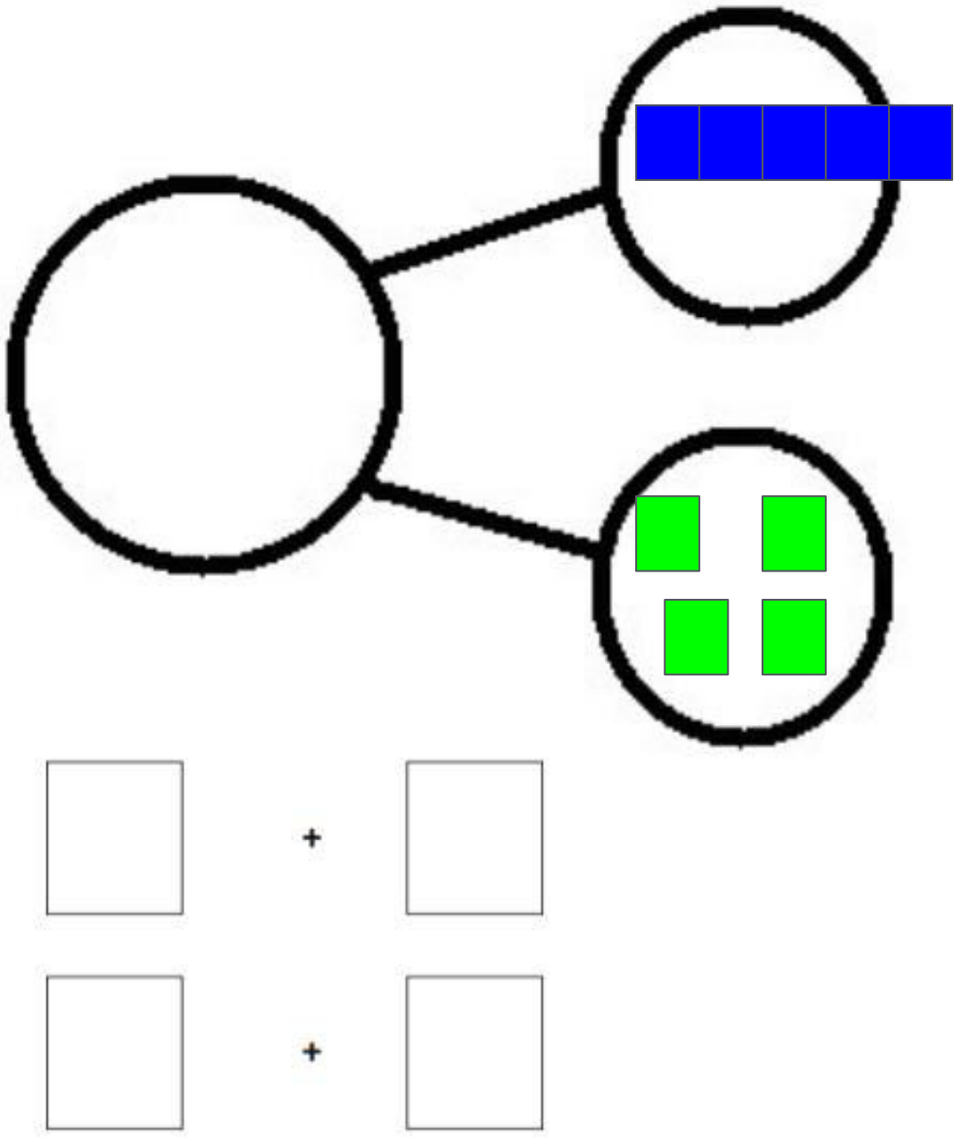
Use the other color to show how many books are on the bottom shelf in the other part of your number bond. But this time, just put them in a pile, not a stick

Concept Development



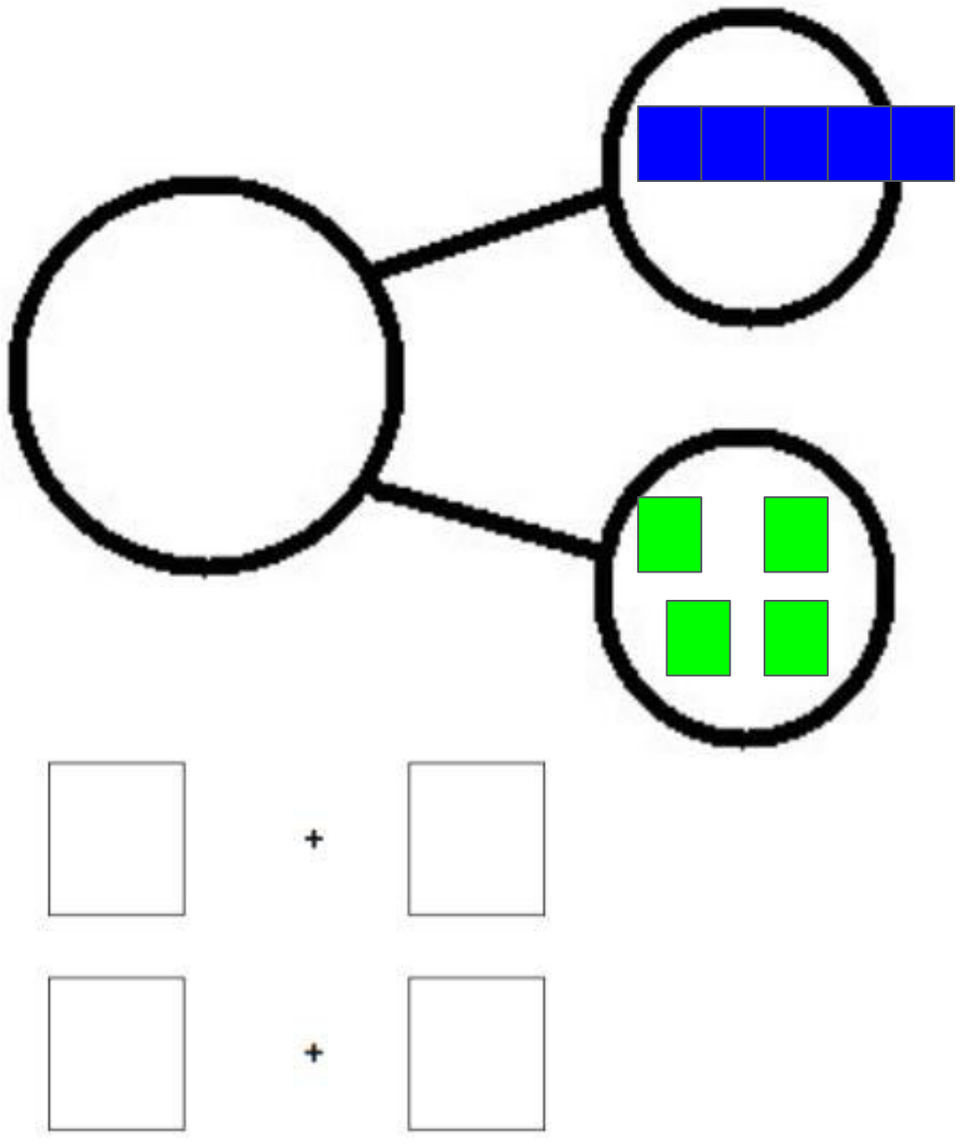
How many books are on the bottom shelf?

Concept Development



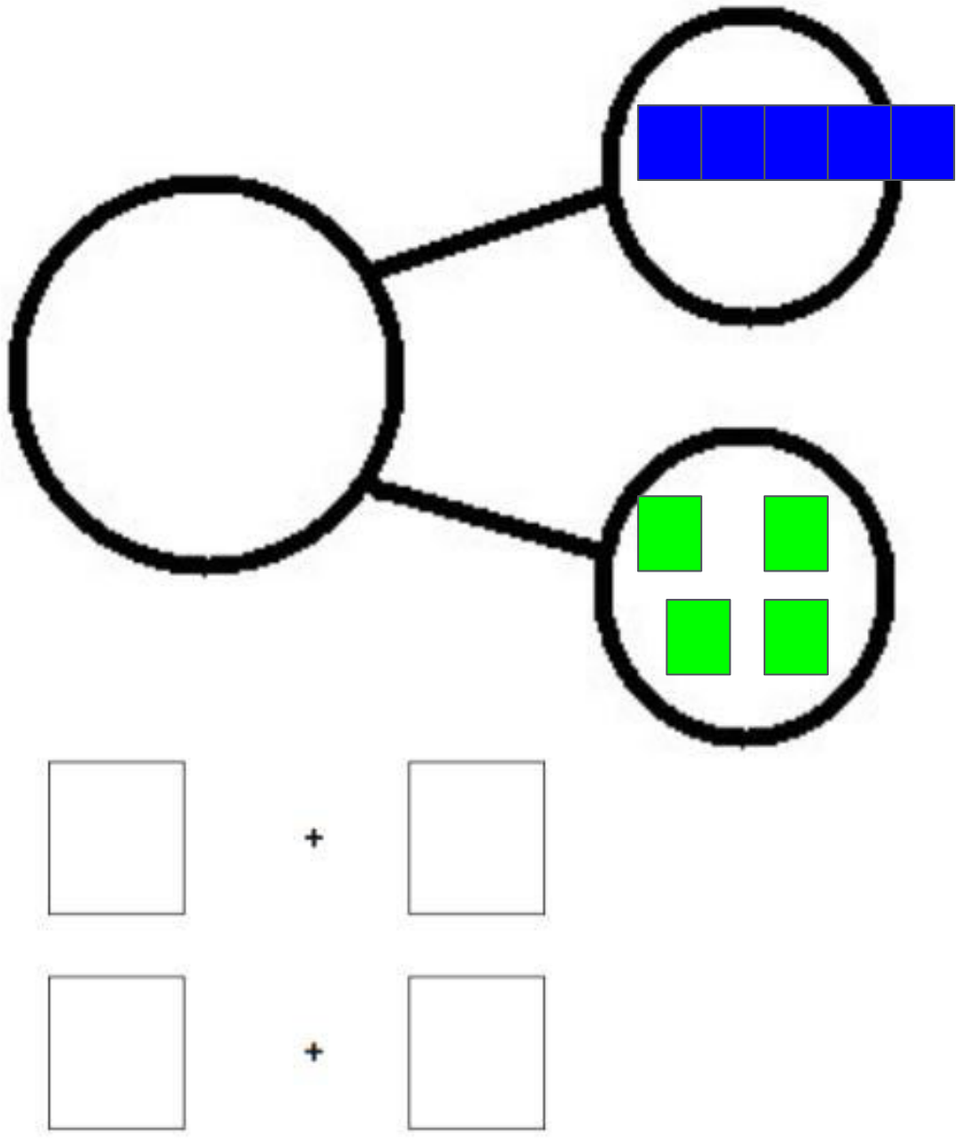
How should we count to figure out how many books there are in all?

Concept Development



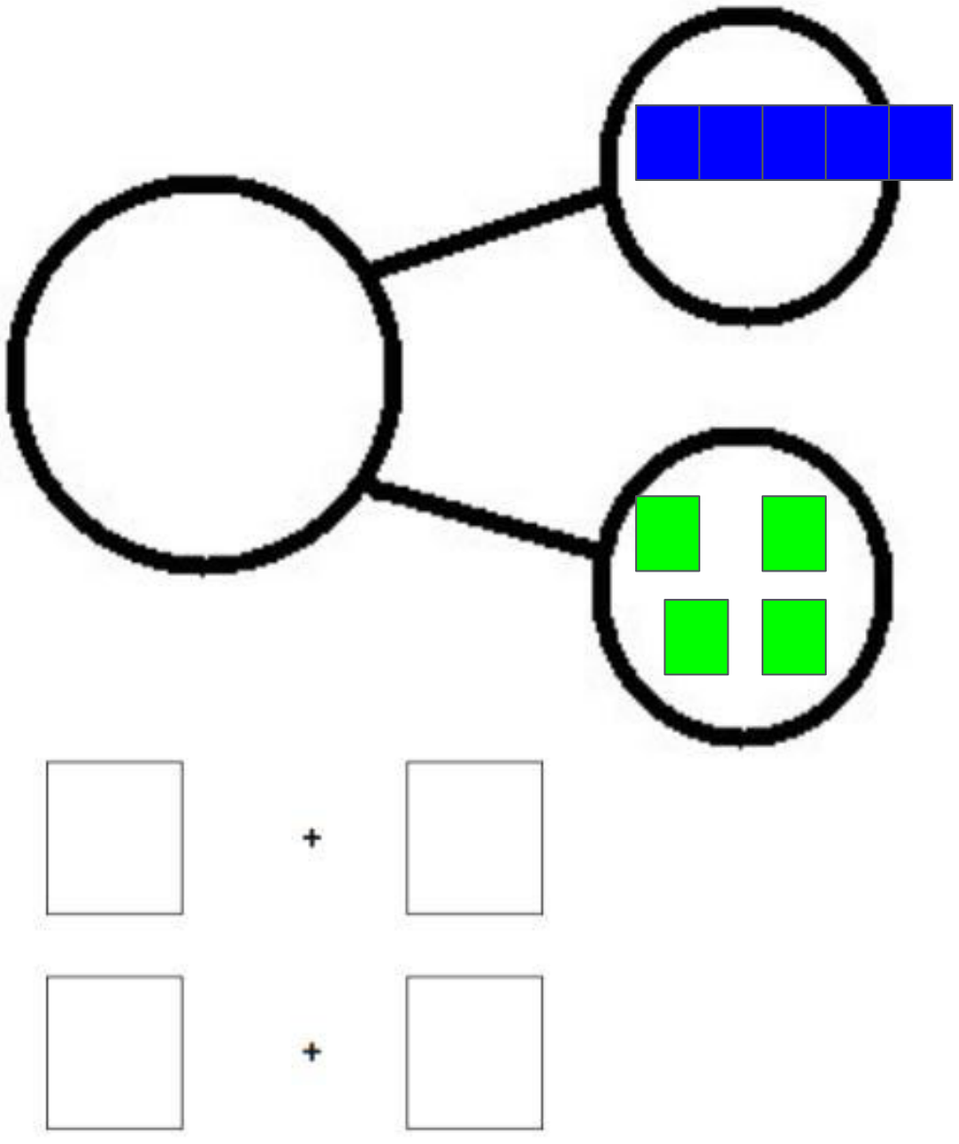
Watch me first.

Concept Development



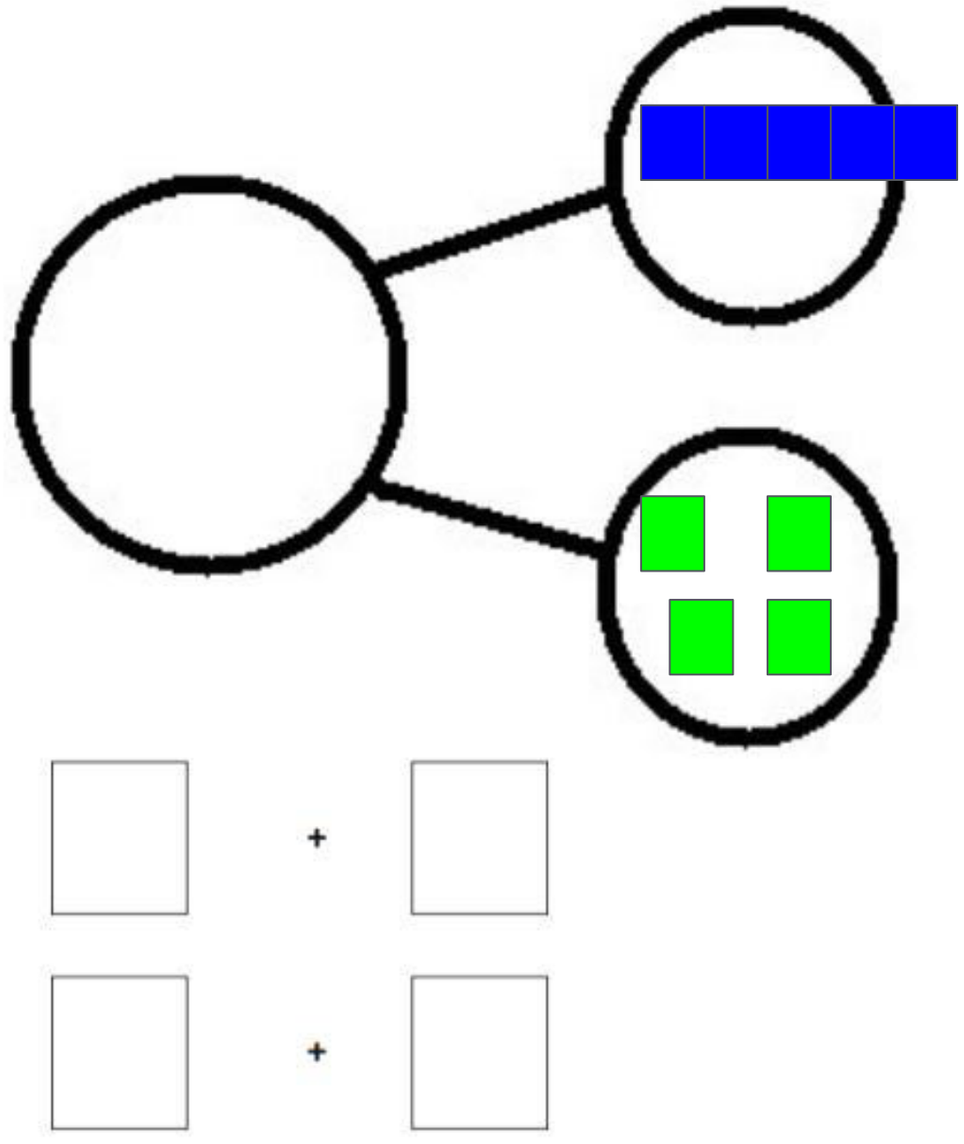
Your turn!

Concept Development



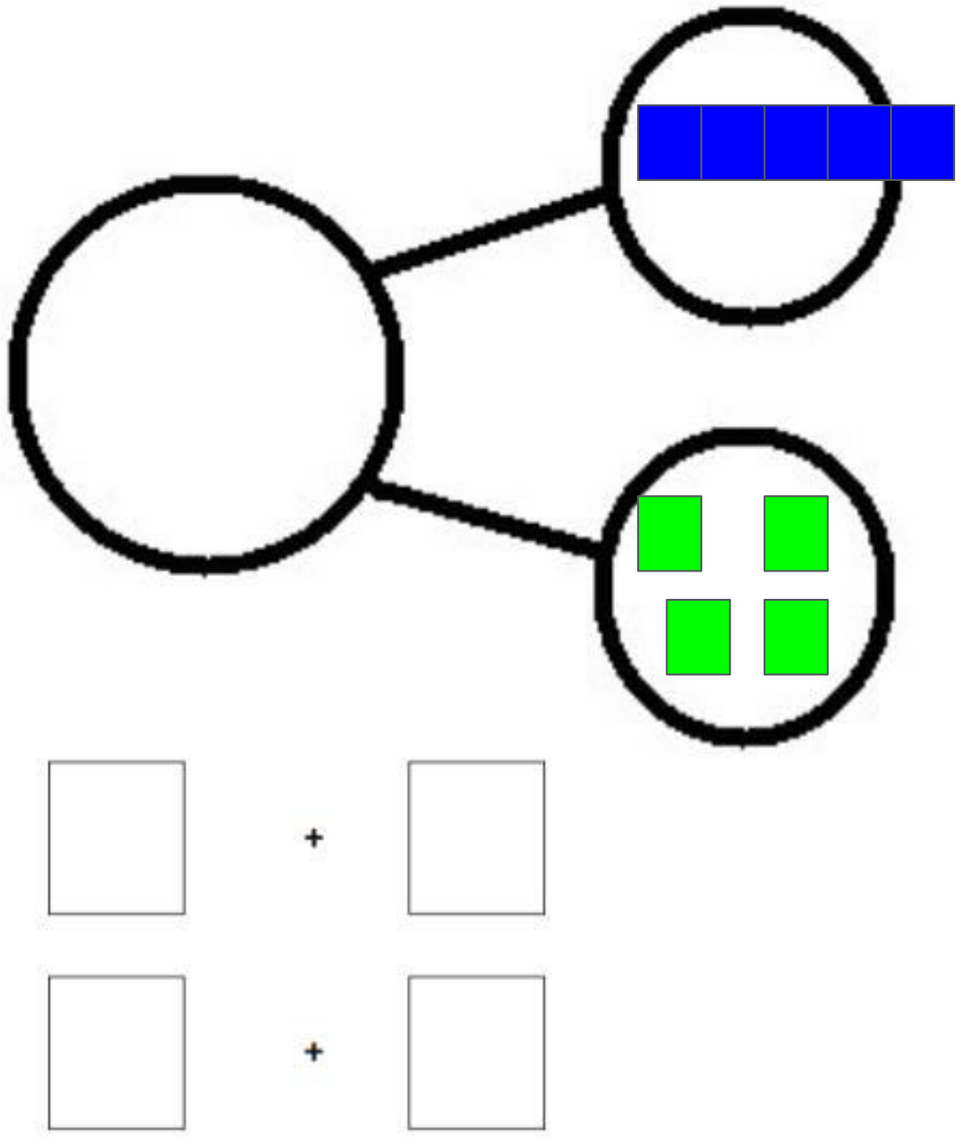
How many books are there in all?

Concept Development



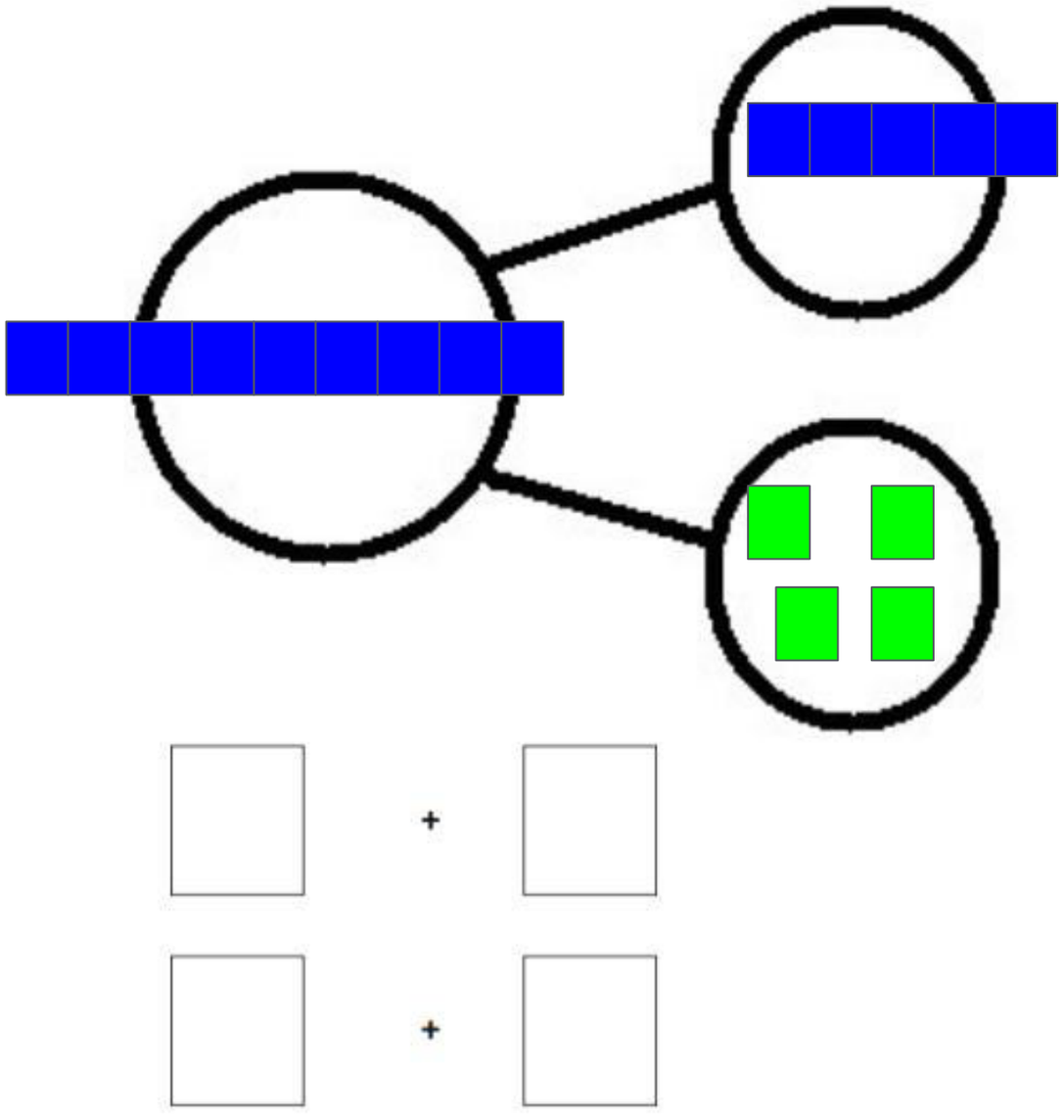
Yes, 9. What 2 parts made 9?

Concept Development



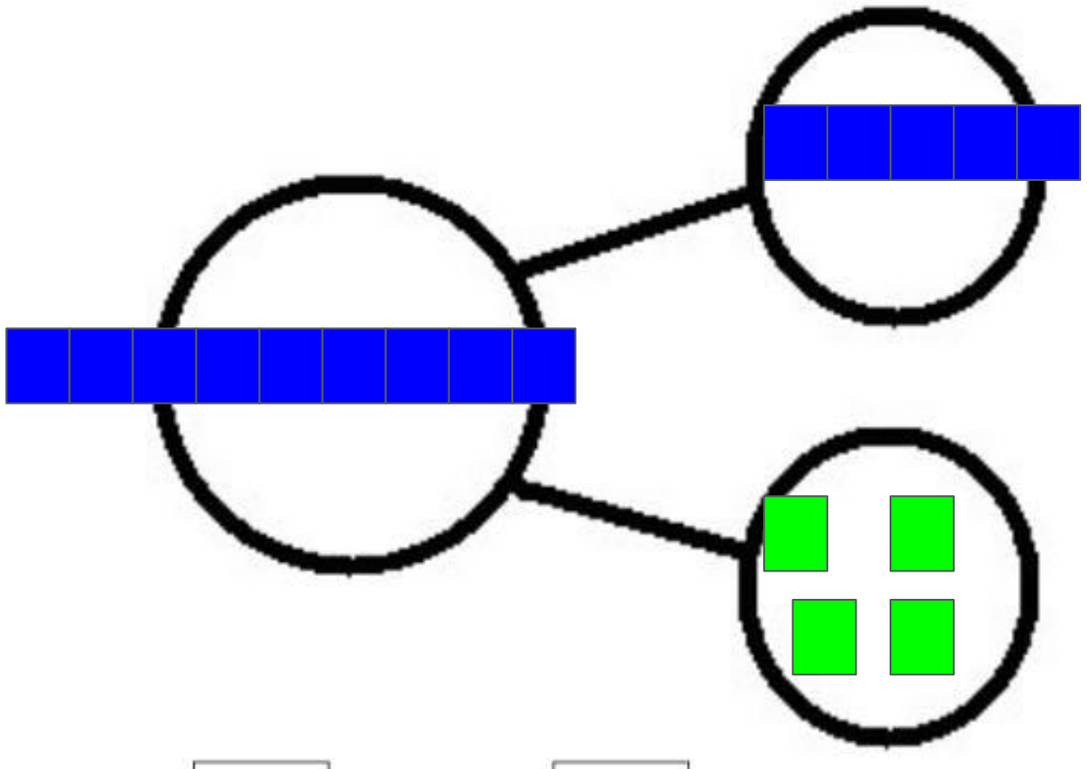
Put 9 cubes into the space for the total to make our number bond true.

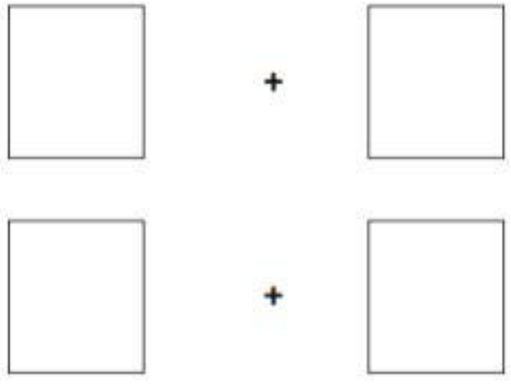
Concept Development



Do the two parts together show the same number as the total?

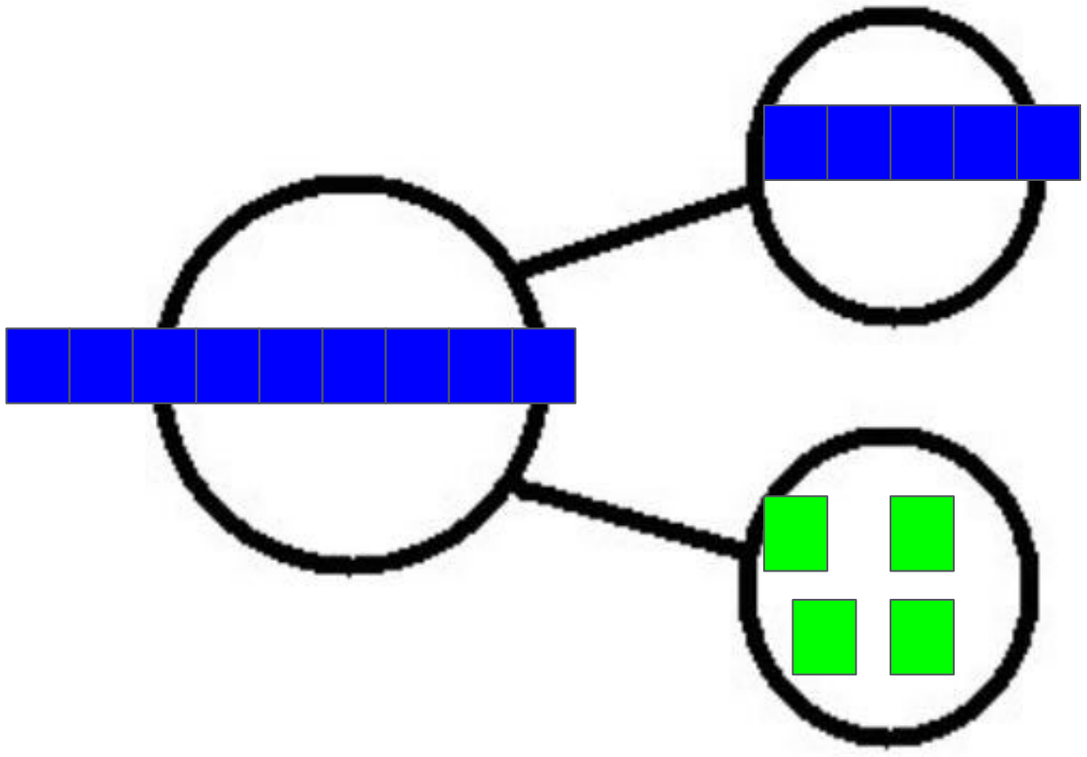
Concept Development





That means our number bond is true! Write in the parts in your expression boxes.

Concept Development

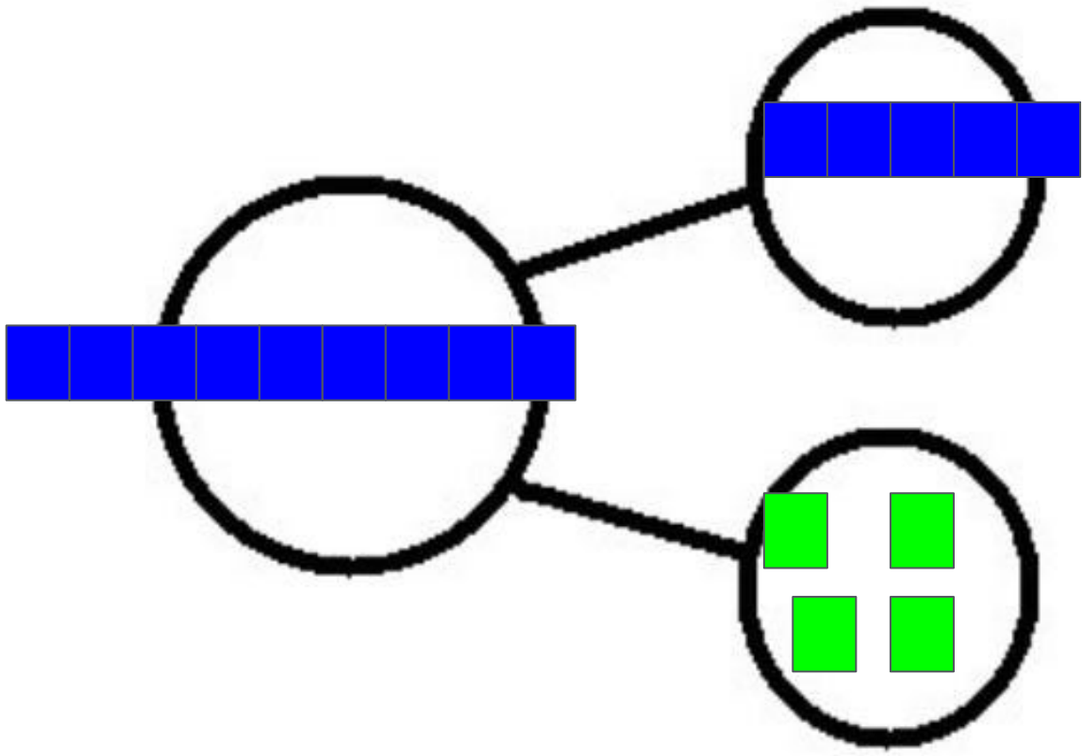


5 + 4

__ + __

.

Concept Development



5 + 4

4 + 5

Concept Development

Concept Development

Let’s see if we can find the rest of the ways to make 9.

When I show you a number, you make a stick of that number using the same color, and then place it on the number bond.

Thumbs up if you know what to do.

Concept Development

Concept Development

Make a stick of this number using the same color, and then place it on the number bond.

Concept Development

6

Let’s find the other part that goes with 6 to make 9. Use another color to count on until you make 9.

Concept Development

6

Let’s find the other part that goes with 6 to make 9. Use another color to count on until you make 9.
Put those cubes into your number bond.

Concept Development

6

How many more does 6 need to get to 9?

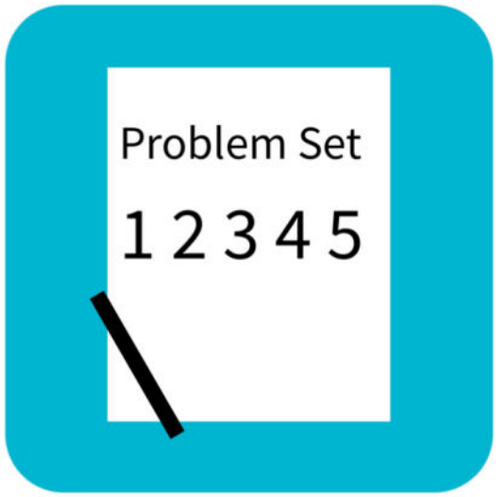
Concept Development

6

Yes, 3!
Fill in your expression boxes.

Concept Development

Let’s find the other partners.

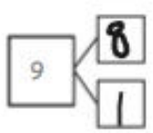


Problem Set

Name _____ Date _____

Circle the part. Count on to show 9 with the picture and number bond. Write the expressions.

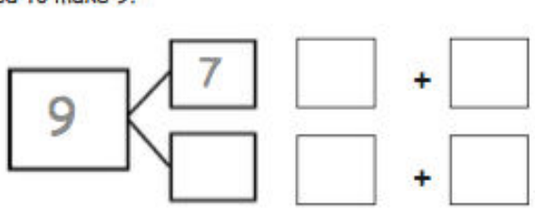
Circle 8.



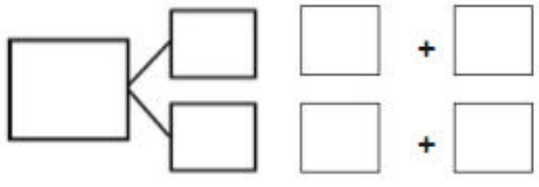
8 + 1

1 + 8

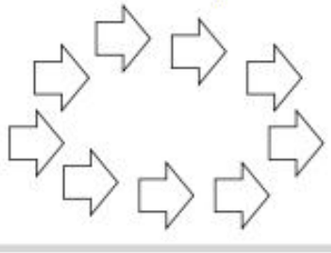
1. Circle 7. How many more does 7 need to make 9?

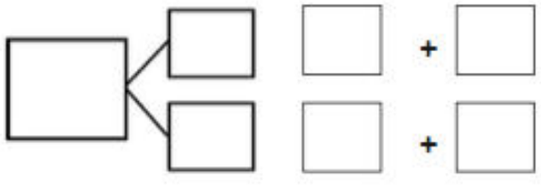


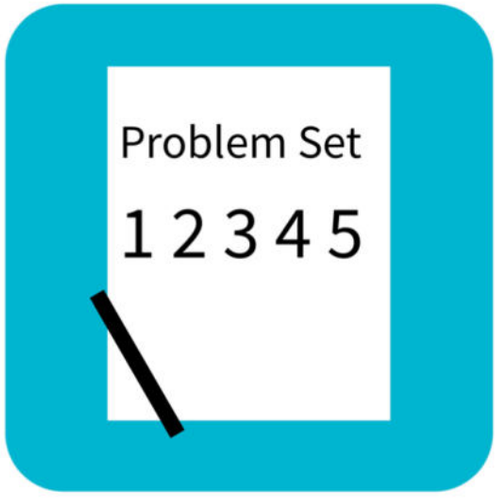
2. Circle 4. How many more does 4 need to make 9?



3. Circle 3. How many more does 3 need to make 9?

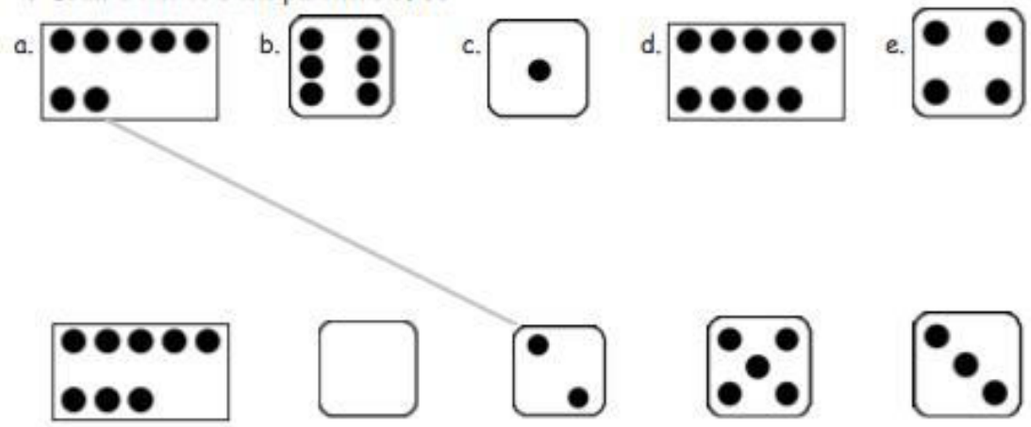




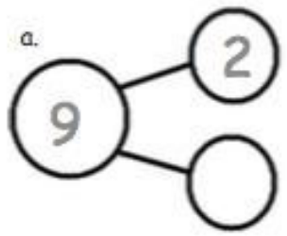


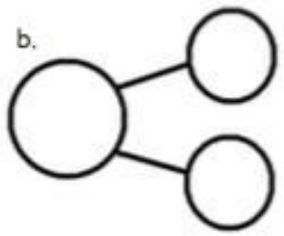
Problem Set

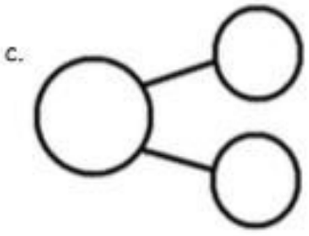
4. Draw a line to show partners of 9.

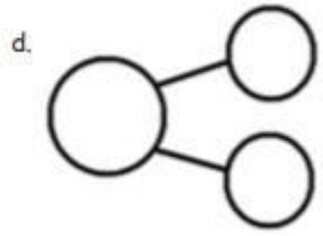


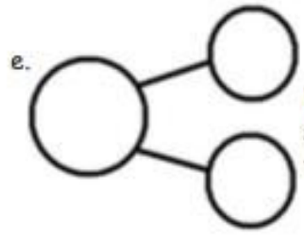
5. Write a number bond for each partner of 9. Use the partners above for help.











Write number sentences to match this number bond!

__ + __ = __

__ + __ = __

Debrief

Check your work by comparing answers with your partner.

Debrief

Look at the first page of the Problem Set.

Are there two problems that are related?

How are they related?

Debrief

Talk with a partner about the number bond you made for Problem 5(b).

How are your number bonds different?

How are they the same?

Debrief

Let’s compare the charts we made for 7,8, and 9.

How are these different?

Explain why they are different.

.

Debrief

Look at the charts we made for 6, 7, 8, and 9.

In what ways is the chart for 9 different?

Debrief

Why might we want to rewrite this chart in an order, beginning with the biggest part first?

Debrief

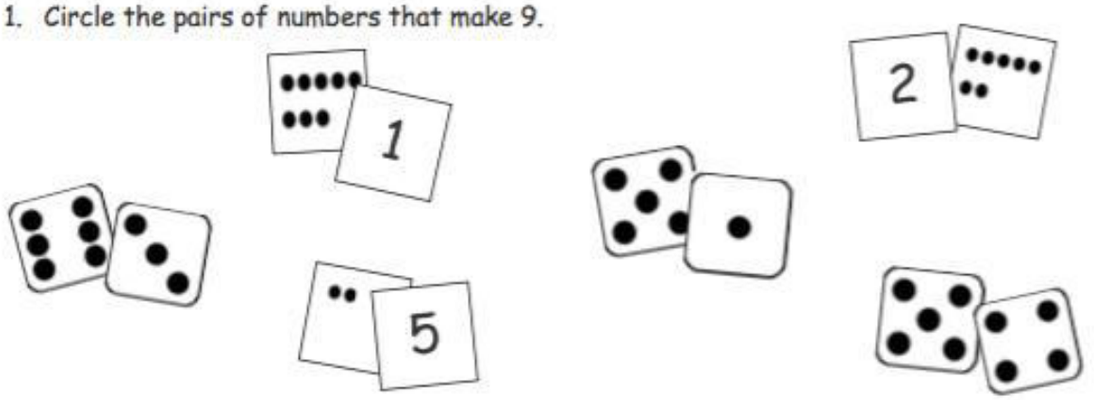
Turn to your partner and share what you learned in today's lesson.

What did you get really good at today?

Exit Ticket

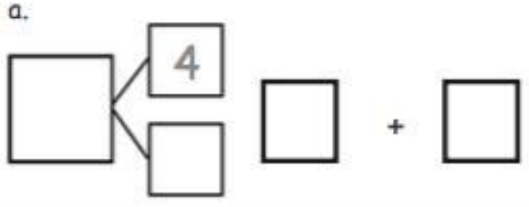
Name _____ Date _____

1. Circle the pairs of numbers that make 9.



2. Complete the number bonds to show 2 different ways to make 9.

a.



b.