

Eureka Math

Kindergarten Module 4 Lesson 15

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.



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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



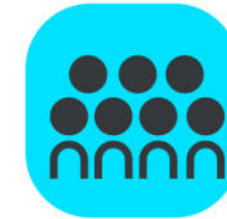
Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



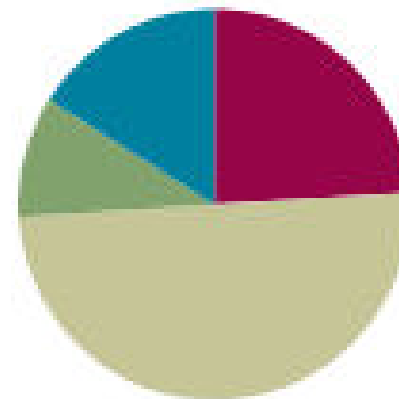
Small Group Time

Lesson 15

Objective: Represent decomposition and composition addition stories to 8 with drawings and equations with no unknown.

Suggested Lesson Structure

| | |
|-----------------------|---------------------|
| ■ Fluency Practice | (12 minutes) |
| ■ Application Problem | (5 minutes) |
| ■ Concept Development | (25 minutes) |
| ■ Student Debrief | (8 minutes) |
| Total Time | (50 minutes) |





Materials Needed

Teacher

- 5 group cards
- Number Towers 1 - 10
- Cup w/8 loose-linking cubes
- Masking Tape



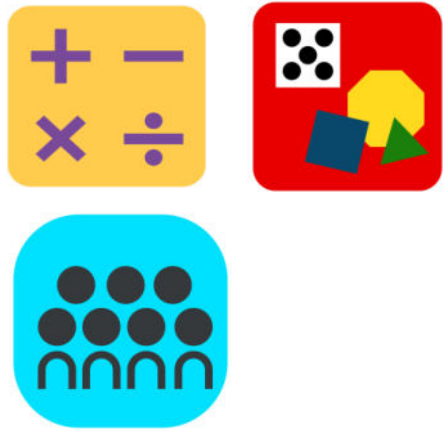
Materials Needed

Students

- Personal white board
- Matching Game cards 0 - 5 and 6 - 10



I can represent decomposition and composition addition stories to 8 with drawings and equations with no unknown.

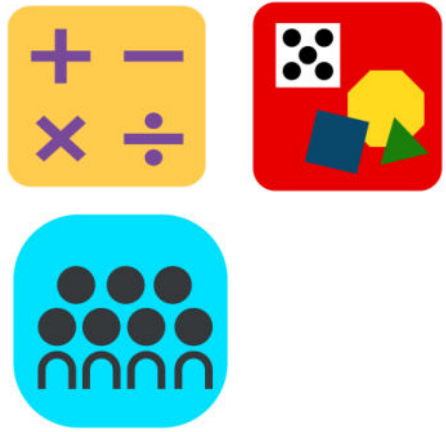


Fluency

Dots and Spaces

3 minutes

Raise your hand when you know the number of dots,
say the number of dots when I SNAP.



Fluency

Show Me/Taller-Shorter

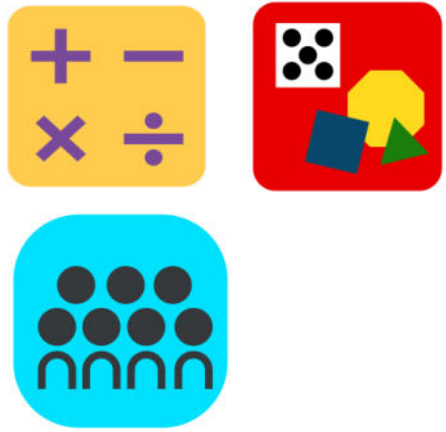
4 minutes



How do we show taller?
How do we show shorter?

We're going to compare the height of some number towers.
Can we compare the height when I hold my number towers?

If I line up the endpoints, which is taller...5 or 8?



Fluency Matching Game 5 minutes

Students find the hidden partners of 8 in support of today's work with composition and decomposition.

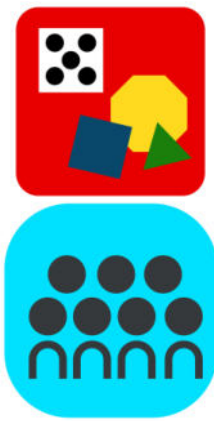
Conduct the activity as outlined in Lesson 1, but now, have students find partners of 8.



Application Problem

5 min

You are having a party! You get 8 presents. 2 presents have stripes, and 6 presents have polka dots. Draw the presents, and write the number sentences two different ways on your personal white board.



Concept Development

25 min

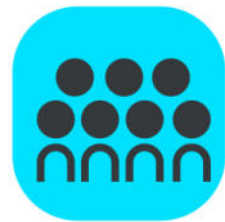
Gravity Game!

My cubes are Space Rocks...how many do I have? Some of my space rocks landed on land, some in the ocean.

LAND



OCEAN



Concept Development

25 min

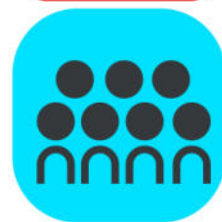
Gravity Game!

What number sentences can we write about our space rocks?

LAND



OCEAN



Concept Development

25 min

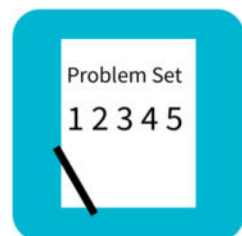
Gravity Game!

Let's keep dropping our space rocks.
Find as many different number
sentences as we can.

LAND



OCEAN



Problem Set-10 min

A STORY OF UNITS

Lesson 15 Problem Set

K•4

Name _____

Date _____

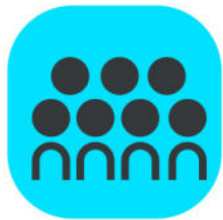
Fill in the number sentences.

There are 8 fish. There are 4 striped fish and 4 goldfish.



$$\square = \square + \square$$

$$\square + \square = \square$$



Debrief

- In the Problem Set, how many yellow and red flowers did you draw? What did your number sentence look like?
- Look for a partner whose flowers look different from yours. Talk about how they are different.
- How many different partners did we find to make 8 today? (Count equations on the board. If students try to count equations like $6 + 2 = 8$ and $2 + 6 = 8$ twice, talk about how one set of partners can make two different equations.)
- How do the number sentences on the board look similar? How are they different?
- What if we would have played the gravity game with only 7 cubes?