

Eureka Math

Kindergarten Module 4 Lesson 30

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



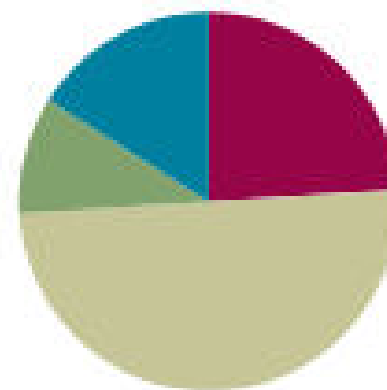
Small Group Time

Lesson 30

Objective: Represent pictorial decomposition and composition addition stories to 10 with 5-group 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

Student

- **Core fluency practice sets**
- **Multi-colored beans**
- **Cups**
- **White board**
- **Pear tree template**
- **10 linking cubes**

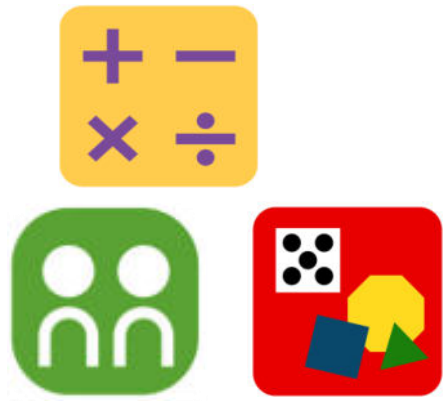


I can take apart and put together models up to 10 and draw a picture of what I did.



Grade K Core Fluency Differentiated Practice Sets (5 minutes)

Continue fluency practice.



Spill the Beans

4 minutes

Roll the beans...count up each color and make a number sentence.





Flash 5

3 minutes

Use fingers to count out math problems.

Practice the best strategies to make the numbers.





Application Problem



5 min

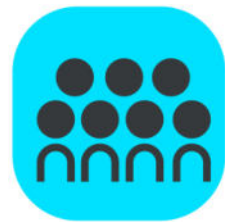
Your linking cubes are now pears in a pear tree! How many pears do you have altogether?

What if 5 were on the tree and 5 were on the ground?
Make a number bond showing this problem.

What if one more pear fell on the ground? Can you write a number sentence showing this new problem?

Share with your partner.





Concept Development

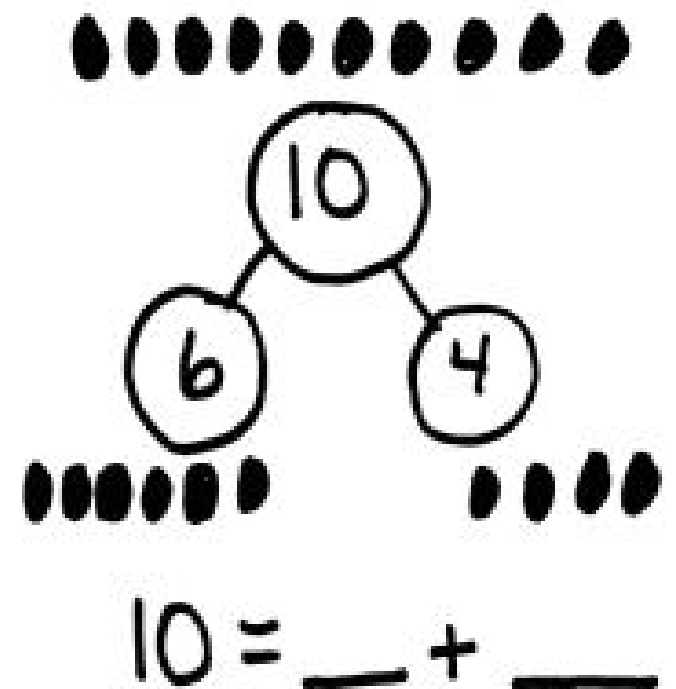
25 min

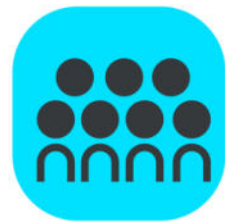
Nancy has 10 beans...6 in one hand and 4 in the other.

First, draw all 10 of her beans.

Next, make a number bond showing how many she has in each hand.

Last, draw a picture of her beans split up into the two groups she has in her hands and make a number sentence to go with it.





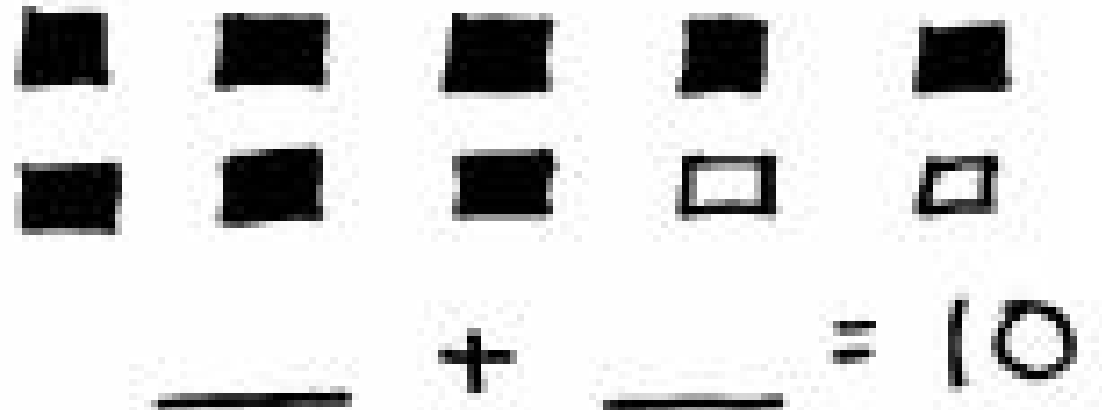
Concept Development

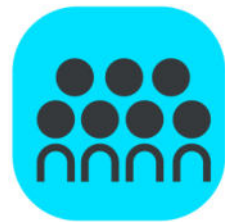
25 min

Shelly has 8 presents. Draw little boxes to show her presents. Use the 5 group way. Color the boxes in.

Her friend gave her 2 more. How many presents does she have now?

Add two more boxes to your drawing, then make a number sentence for the problem.





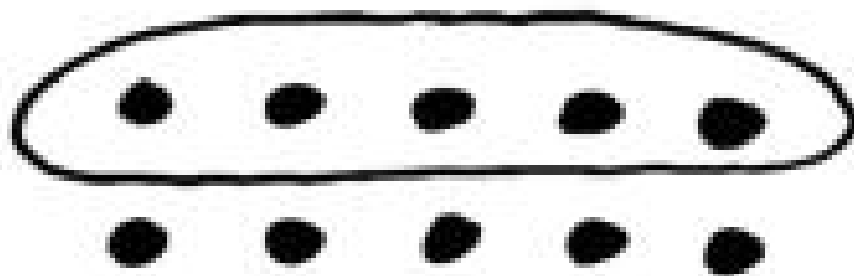
Concept Development

25 min

This time, draw 10 in the 5 group way.

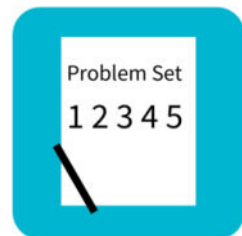
Circle the dots in the top row.

Write 2 different number sentences.



$$10 = \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



Problem Set-10 min

A STORY OF UNITS

Lesson 30 Problem Set

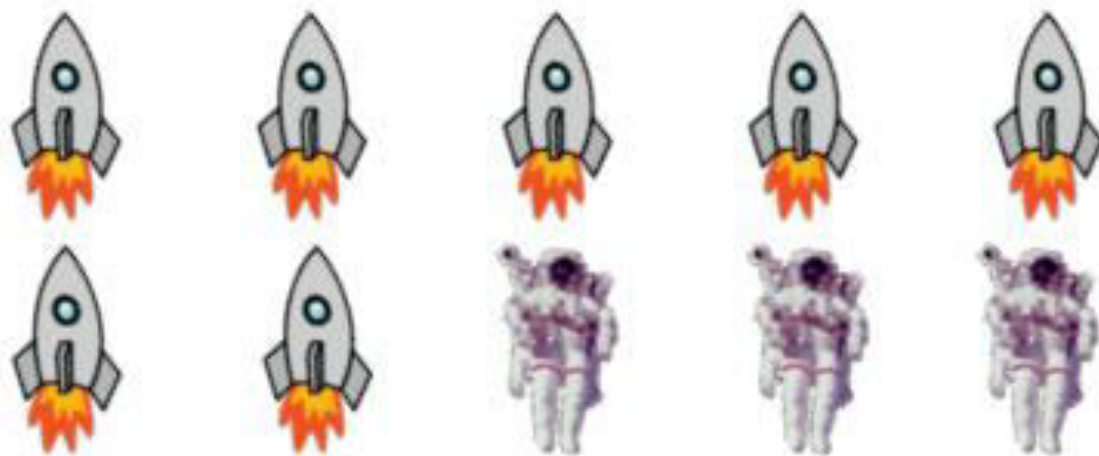
K•4

Name _____

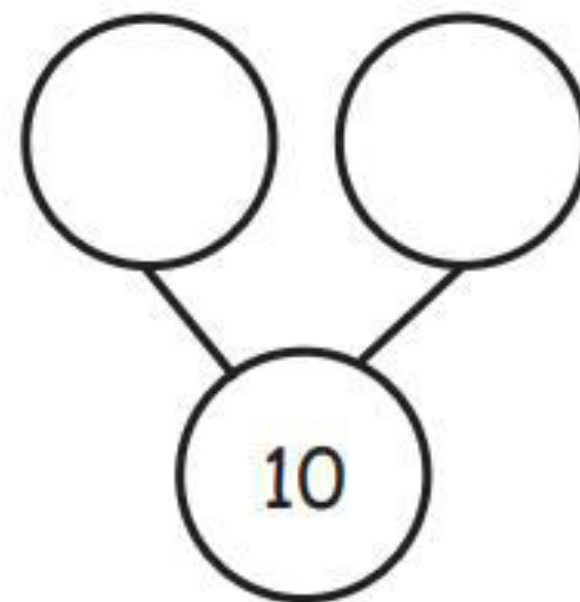
Date _____

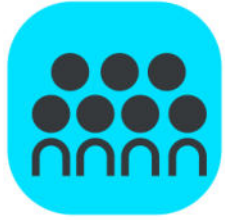
Fill in the number bonds, and complete the number sentences.

Ricky has 10 space toys. He has 7 rockets and 3 astronauts.



$$10 = \square + \square$$





Debrief

- How did you know which were the parts and which were the wholes in your Problem Set?
- In the Problem Set, were the parts easier for you to see in the 5-groups? Why or why not?
- How did the number bonds help you with your number sentences?
- What helps you most when you are writing number sentences? Do you prefer to use pictures, cubes, fingers, or number bonds? Do you have any other strategies?