

Eureka Math

Kindergarten Module 5 Lesson 8

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.



This work by Bethel School District (www.bethelsd.org) is licensed under the Creative Commons Attribution Non-Commercial Share-Alike 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>. Bethel School District Based this work on Eureka Math by Common Core (<http://greatminds.net/maps/math/copyright>) Eureka Math is licensed under a Creative Commons Attribution Non-Commercial-ShareAlike 4.0 License.

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



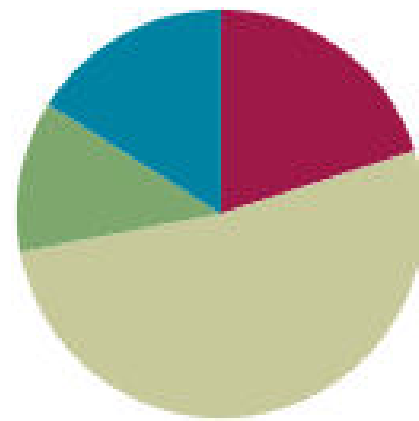
Small Group Time

Lesson 8

Objective: Model teen numbers with materials from abstract to concrete.

Suggested Lesson Structure

■ Fluency Practice	(10 minutes)
■ Application Problem	(6 minutes)
■ Concept Development	(26 minutes)
■ Student Debrief	(8 minutes)
Total Time	(50 minutes)





Materials Needed

Teacher

- Dot Cards of 8 (Lesson 6 Fluency Template)
- Number Bond cards (Fluency Template)



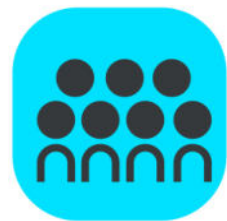
Materials Needed

Student

- Personal White Board
- Bag with about 20 small objects
- Hide Zero cards (Lesson 6 Template 1)
- 5-group cards (Lesson 1 Fluency Template 2)
- Bag of 10 linking cubes in one color & 10 linking cubes in another color (per pair)



Model teen numbers with materials
from abstract to concrete.



Fluency Practice

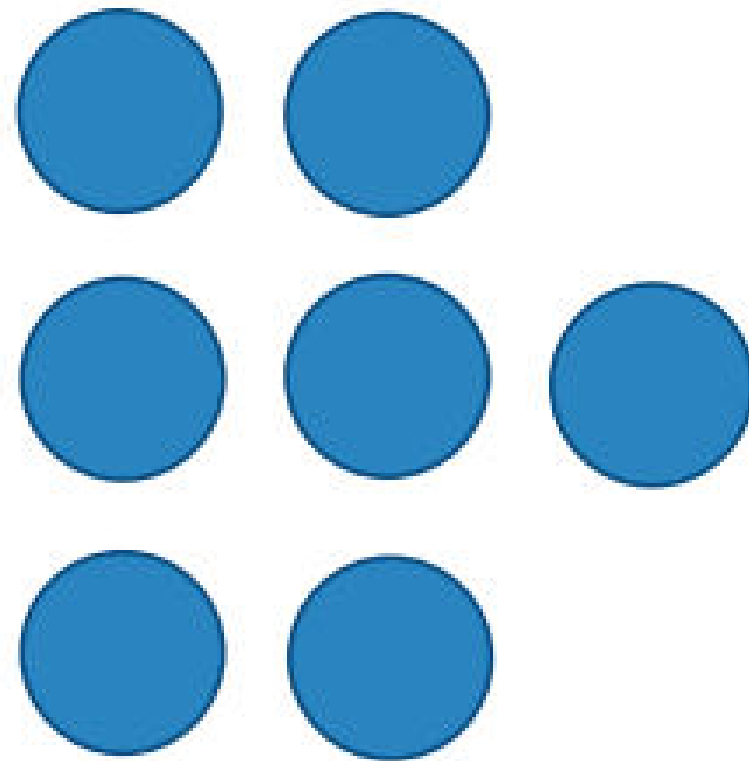
(10 minutes)

Number Bonds of Eight (4 minutes)

Say the larger part.

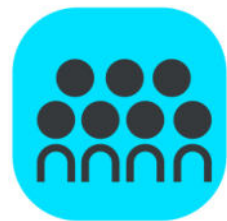


Say the smaller part.



What is the total number of dots?

Write your number bond.



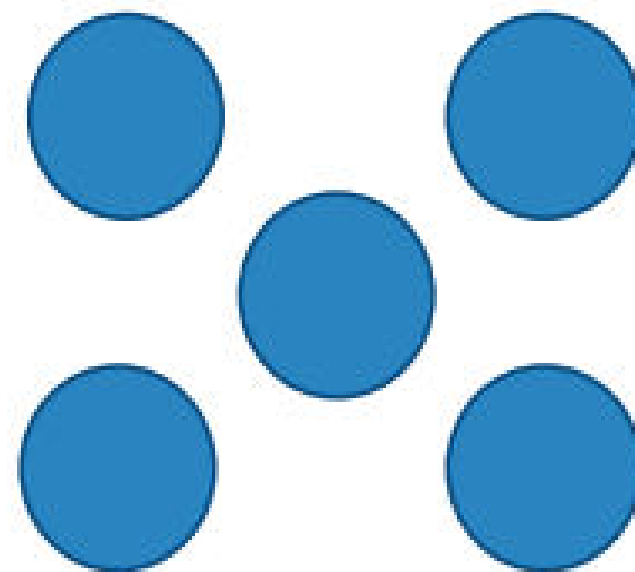
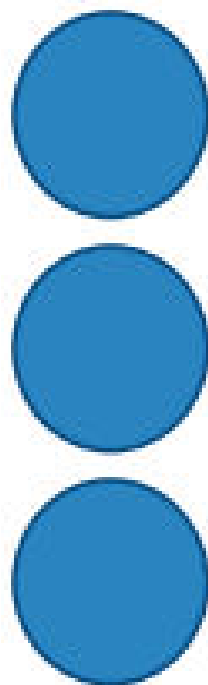
Fluency Practice

(10 minutes)

Number Bonds of Eight (4 minutes)

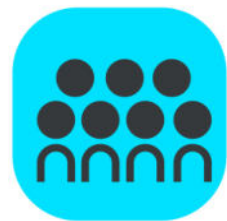
Say the larger part.

Say the smaller part.



What is the total number of dots?

Write your number bond.



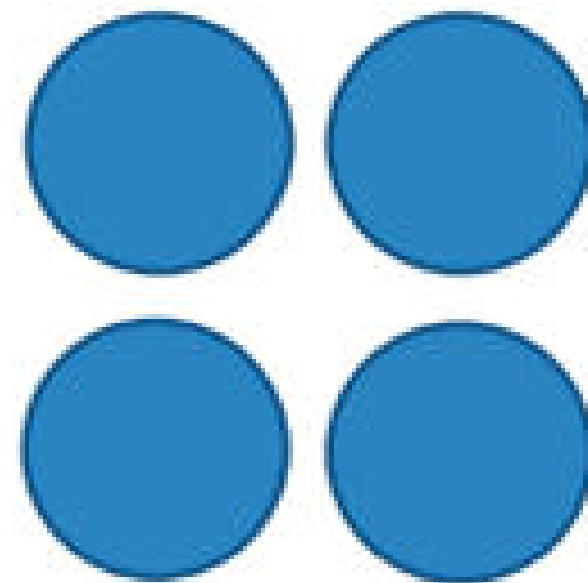
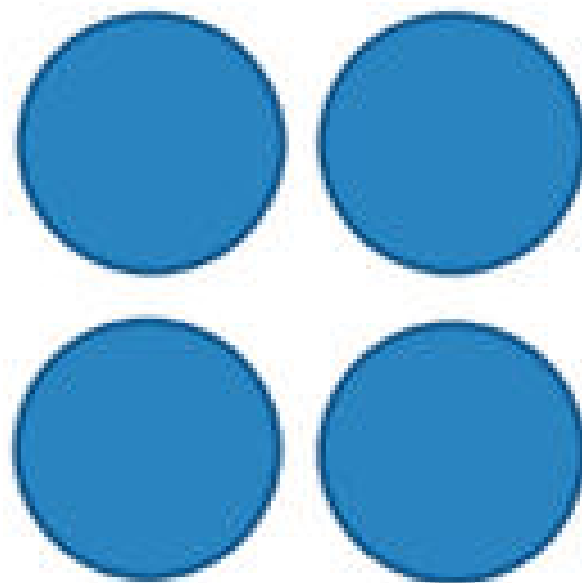
Fluency Practice

(10 minutes)

Number Bonds of Eight (4 minutes)

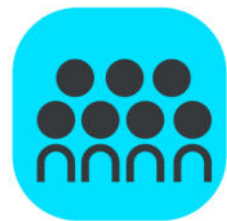
Say the larger part.

Say the smaller part.



What is the total number of dots?

Write your number bond.

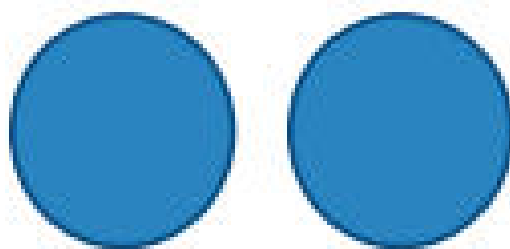


Fluency Practice

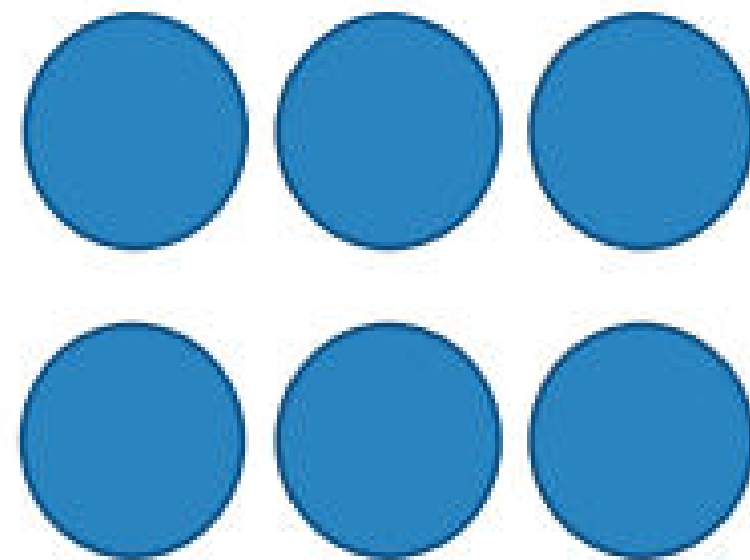
(10 minutes)

Number Bonds of Eight (4 minutes)

Say the larger part.



Say the smaller part.

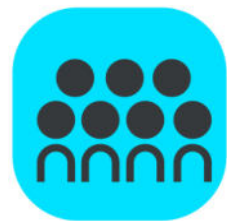


What is the total number of dots?

Write your number bond.



Fluency Practice



(10 minutes)

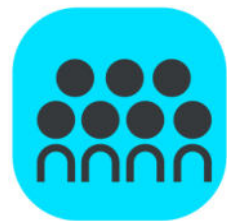
Separating Ten Ones Inside Teen Numbers(3 minutes)

Empty your bag. Put all the items on your work mat.
Count out 10 ones, and move them together into a bunch.

How many things are in your bunch?

Are there some outside your bunch?

Push all your things back together. Spread them all out over your work mat.



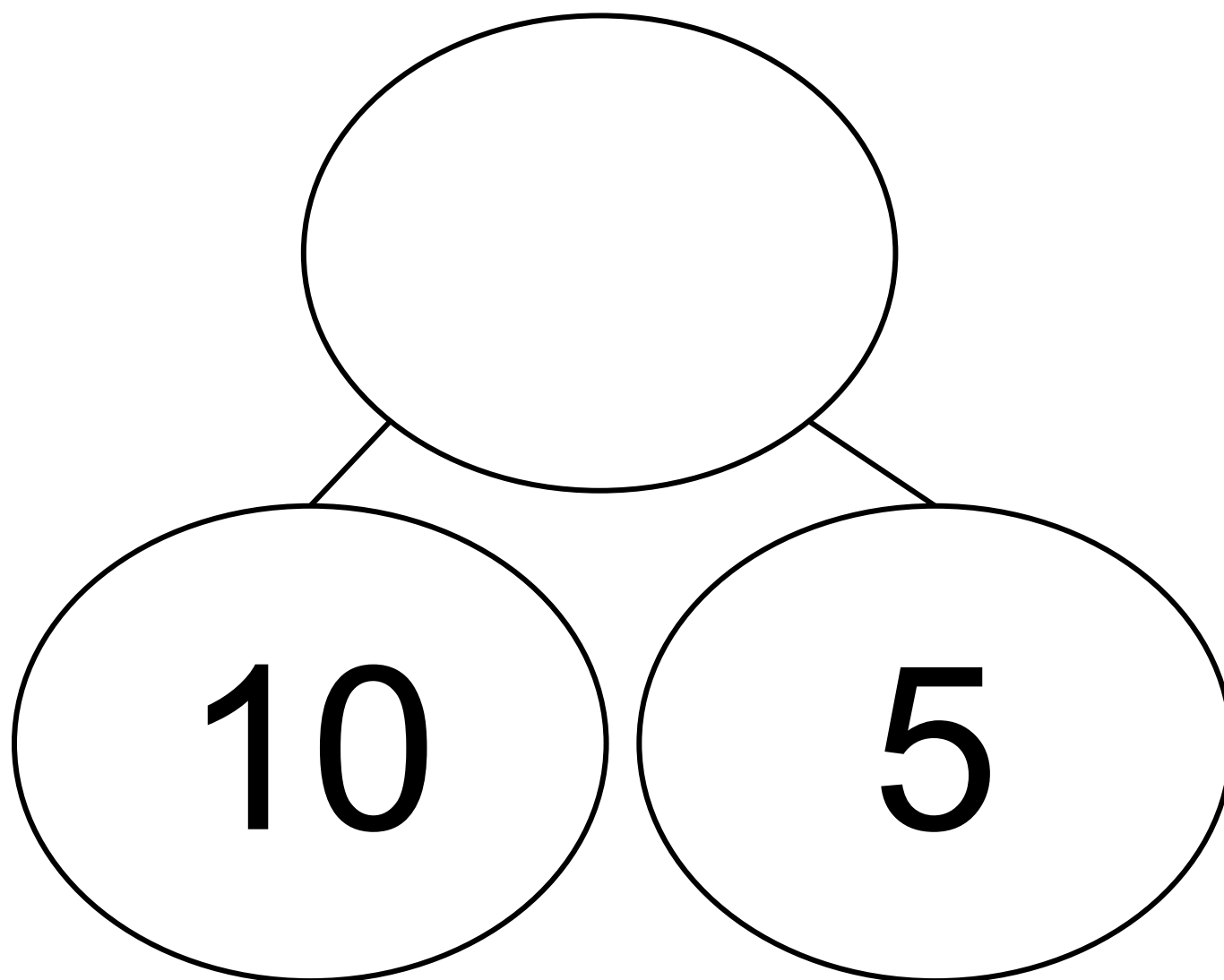
Fluency Practice

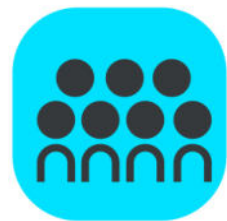
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





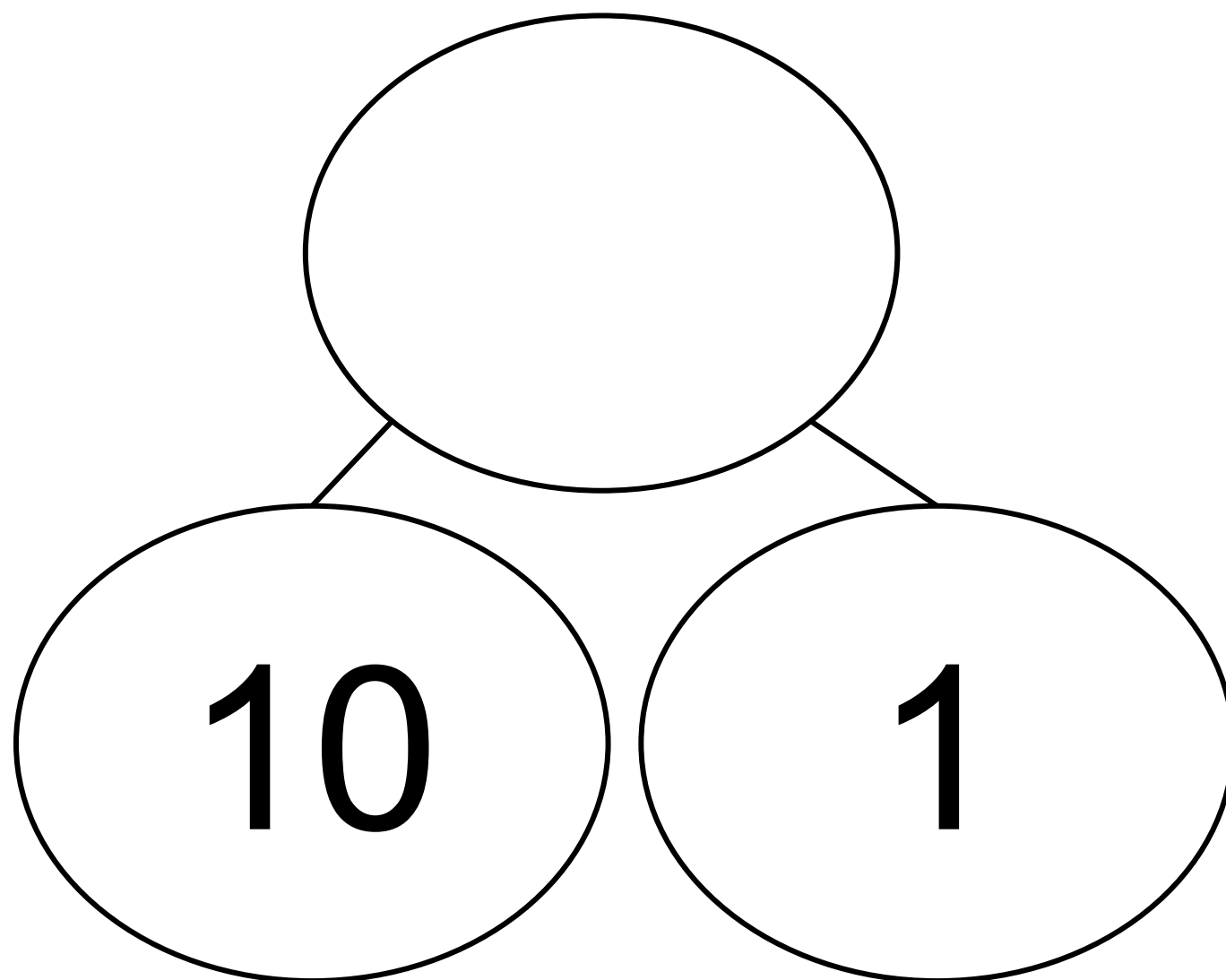
Fluency Practice

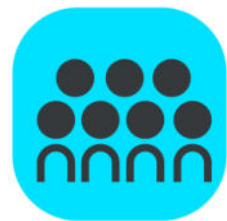
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





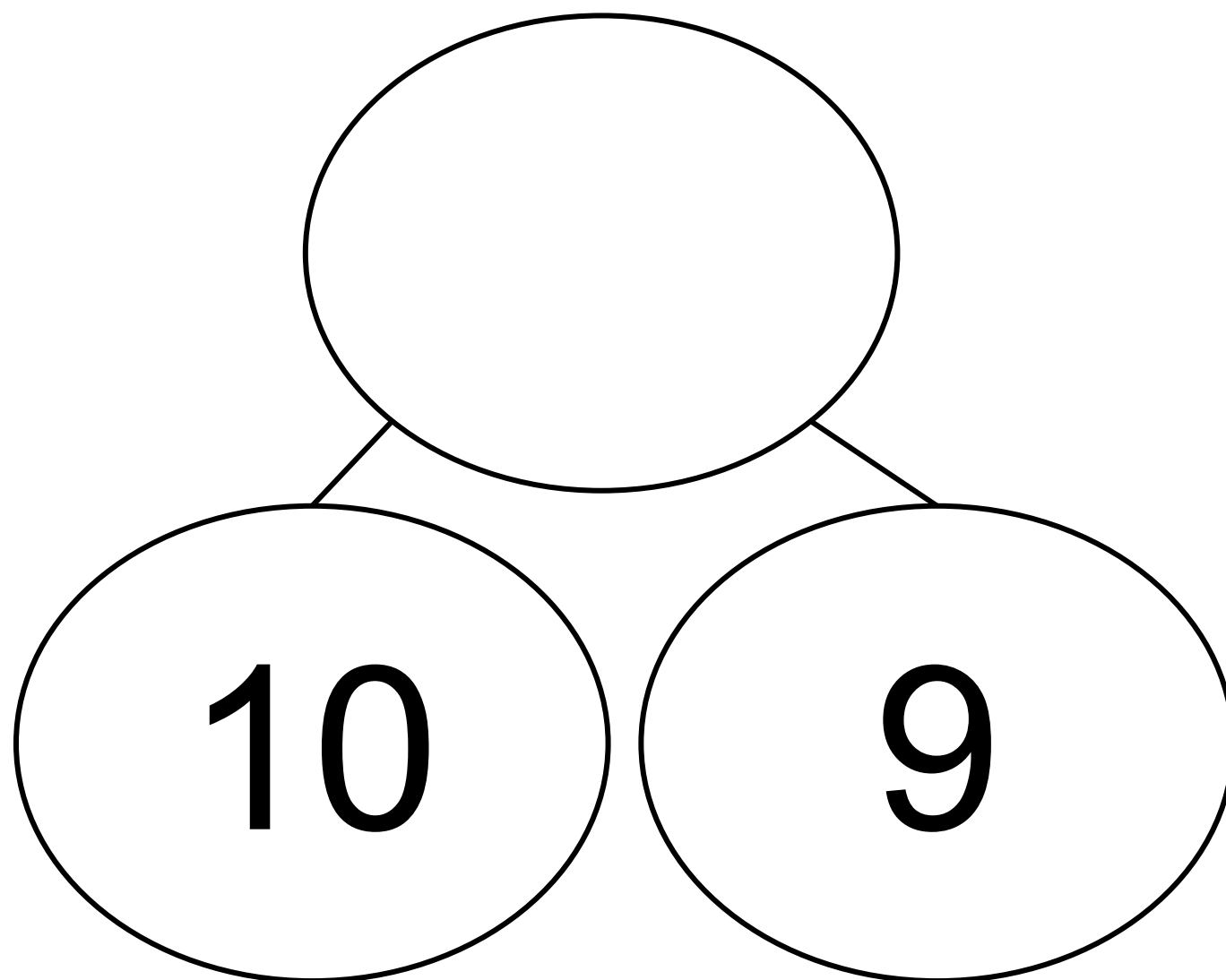
Fluency Practice

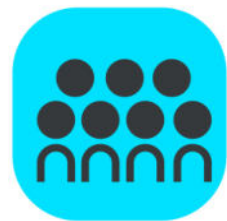
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





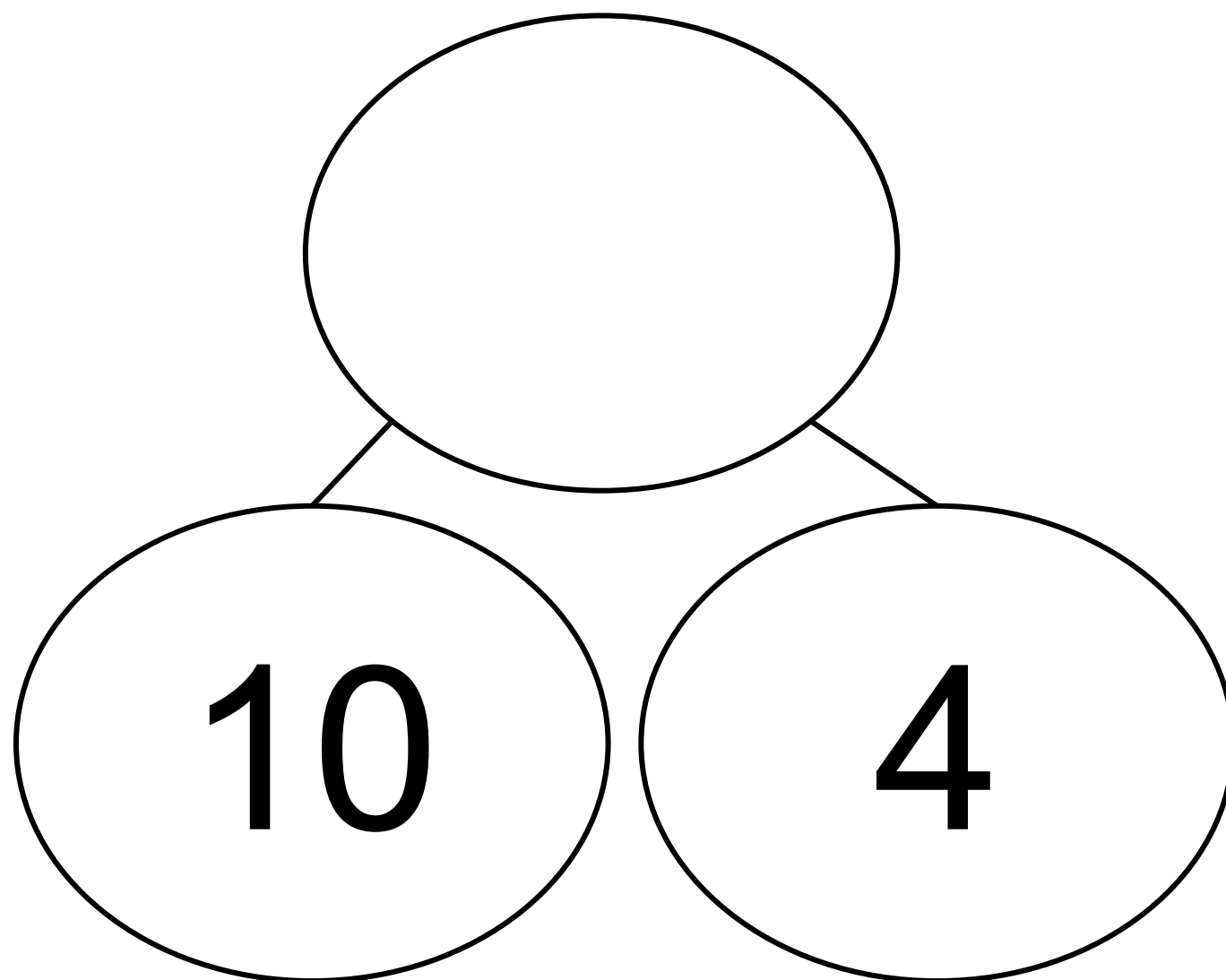
Fluency Practice

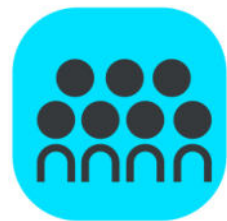
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





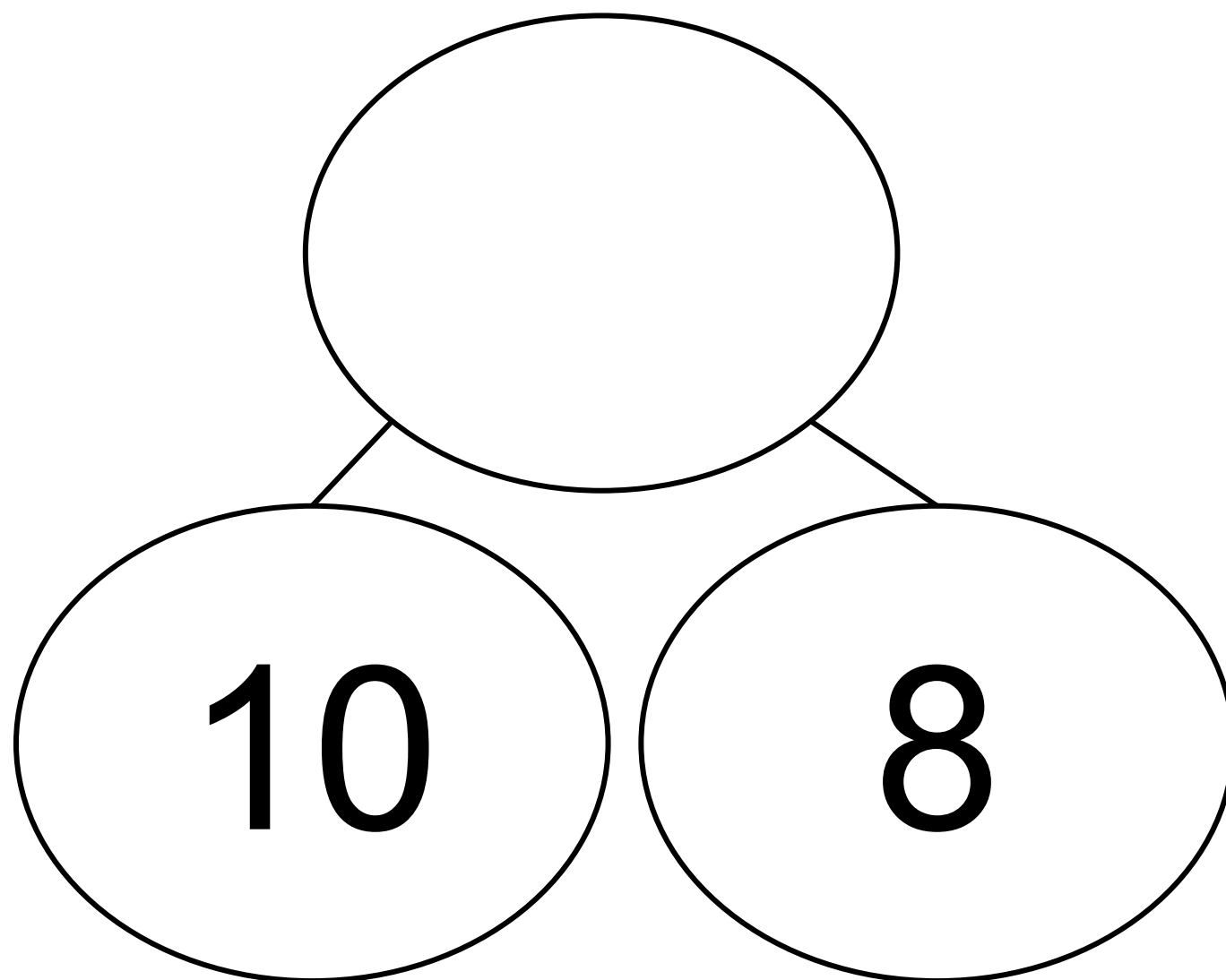
Fluency Practice

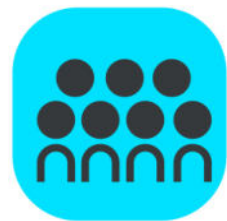
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





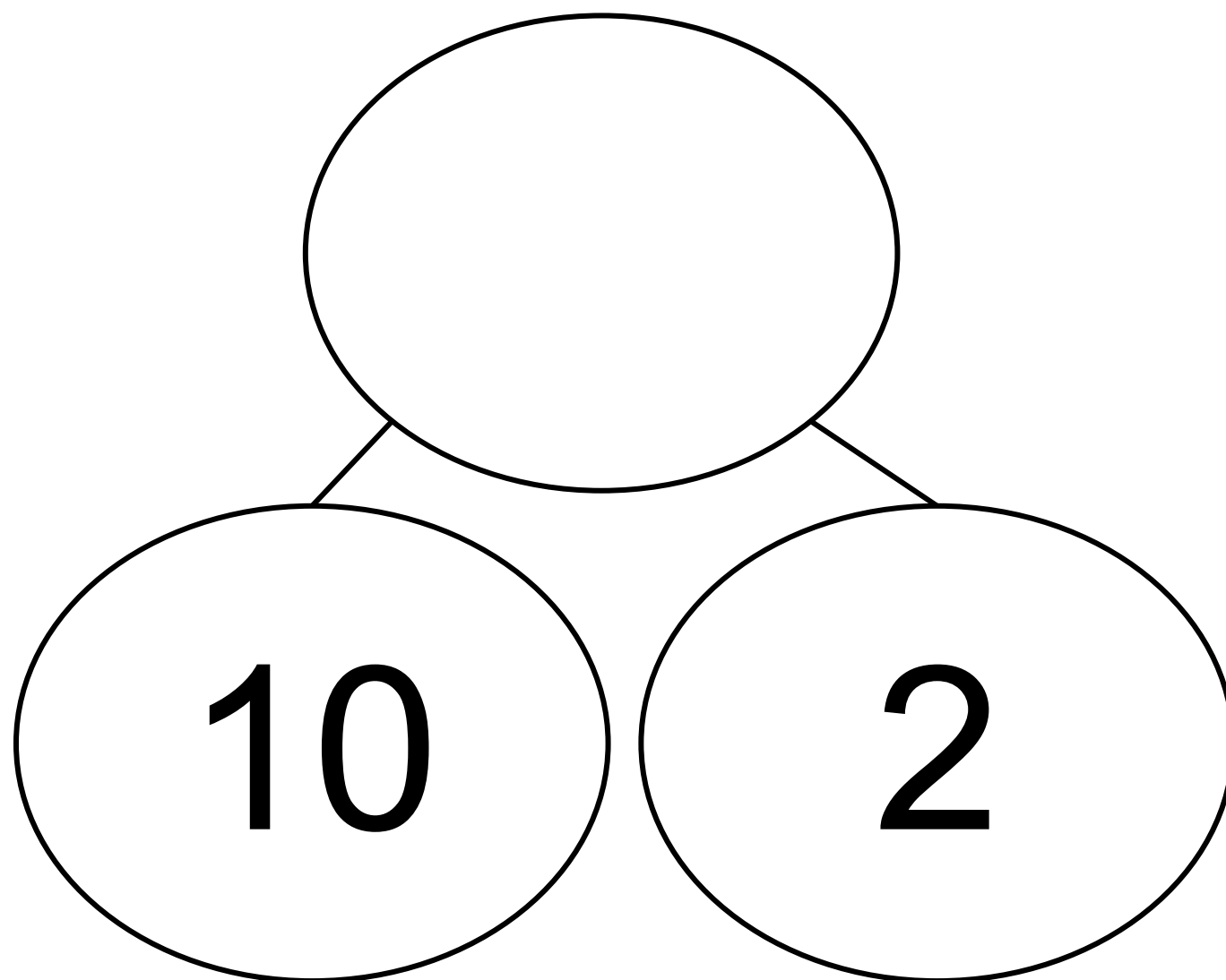
Fluency Practice

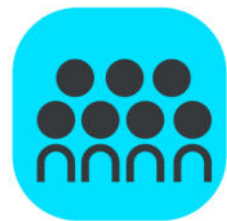
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





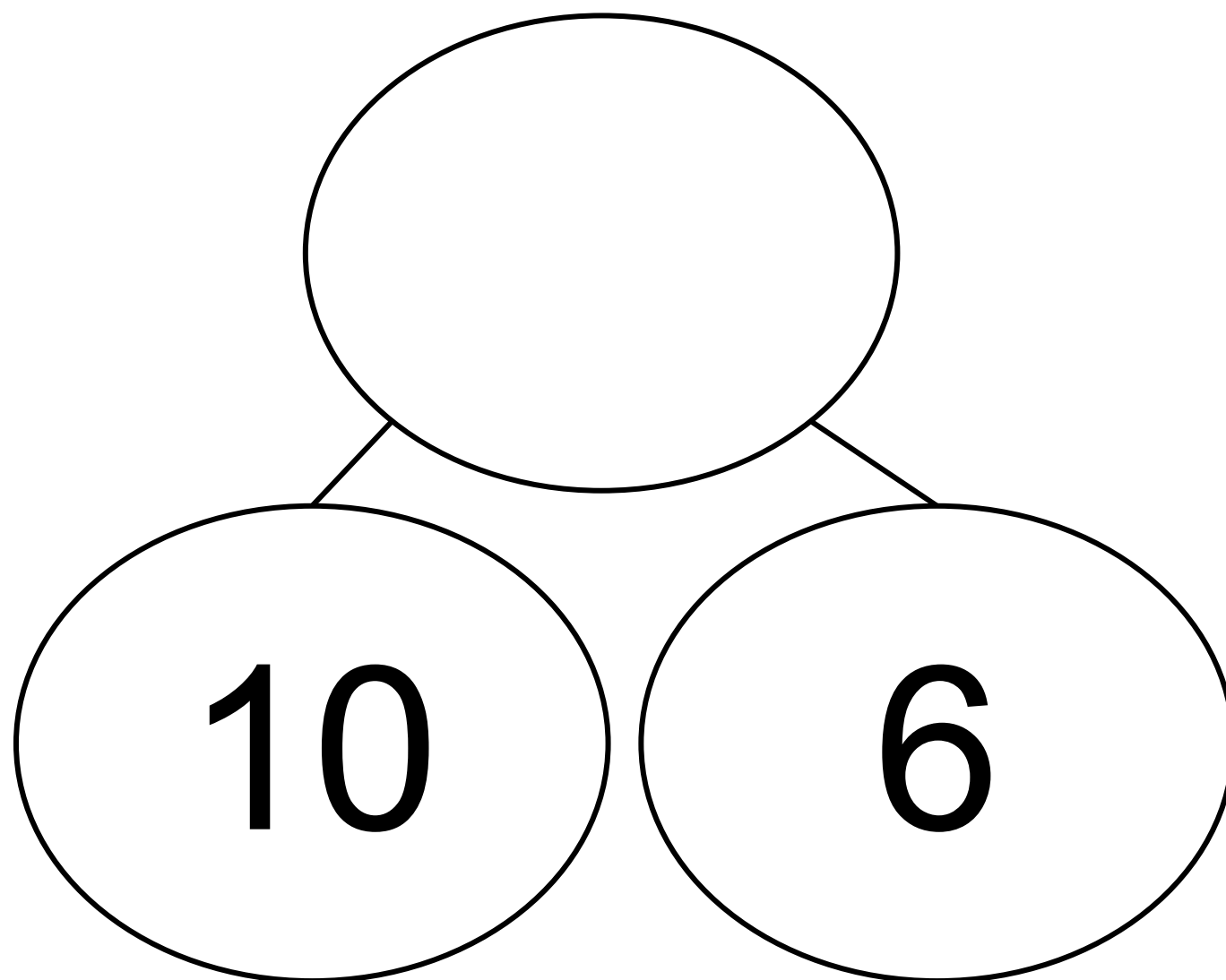
Fluency Practice

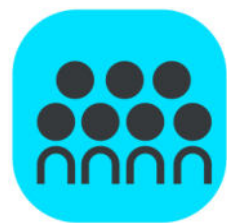
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





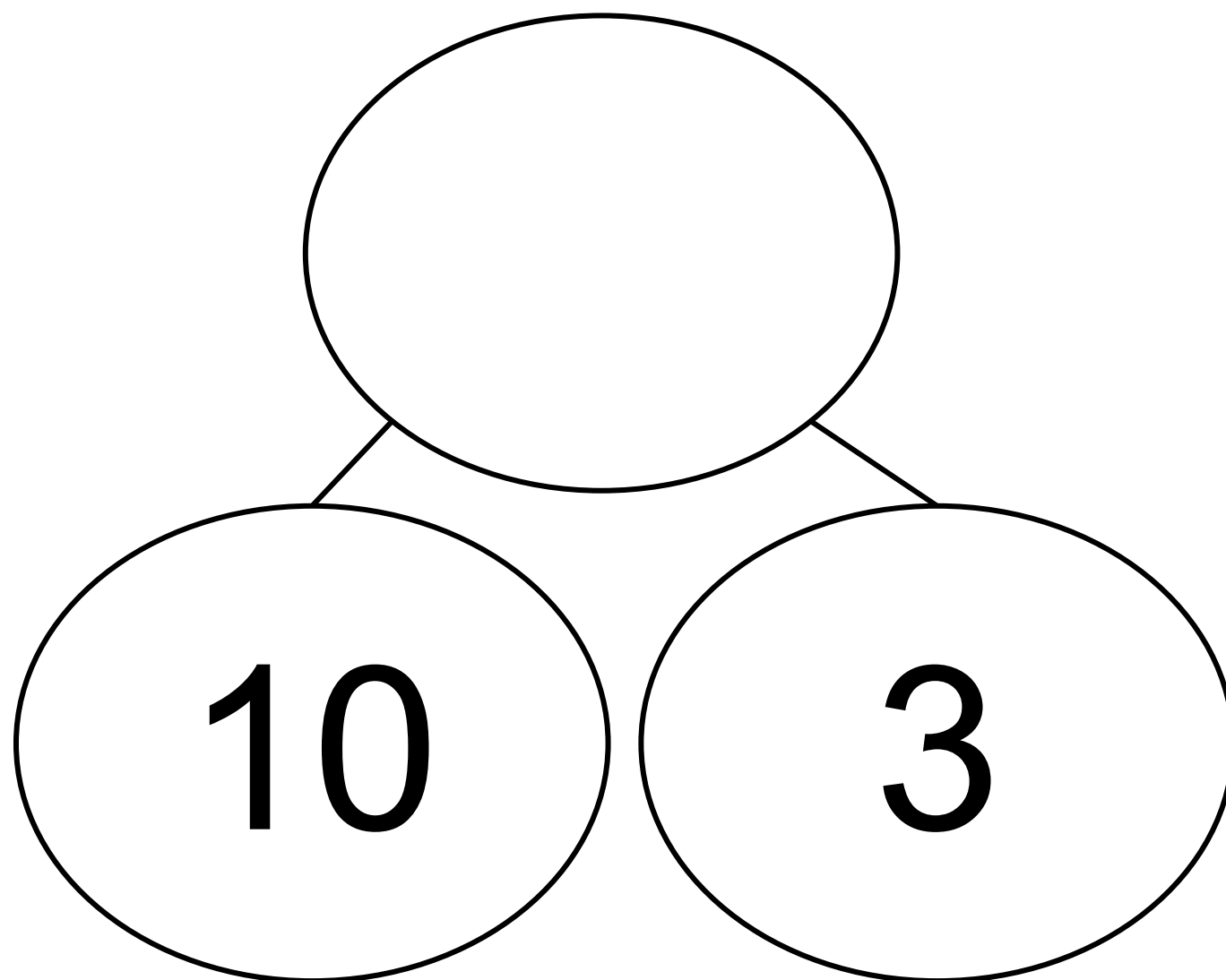
Fluency Practice

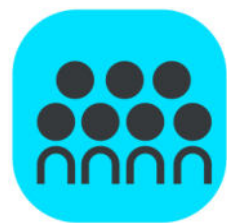
(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





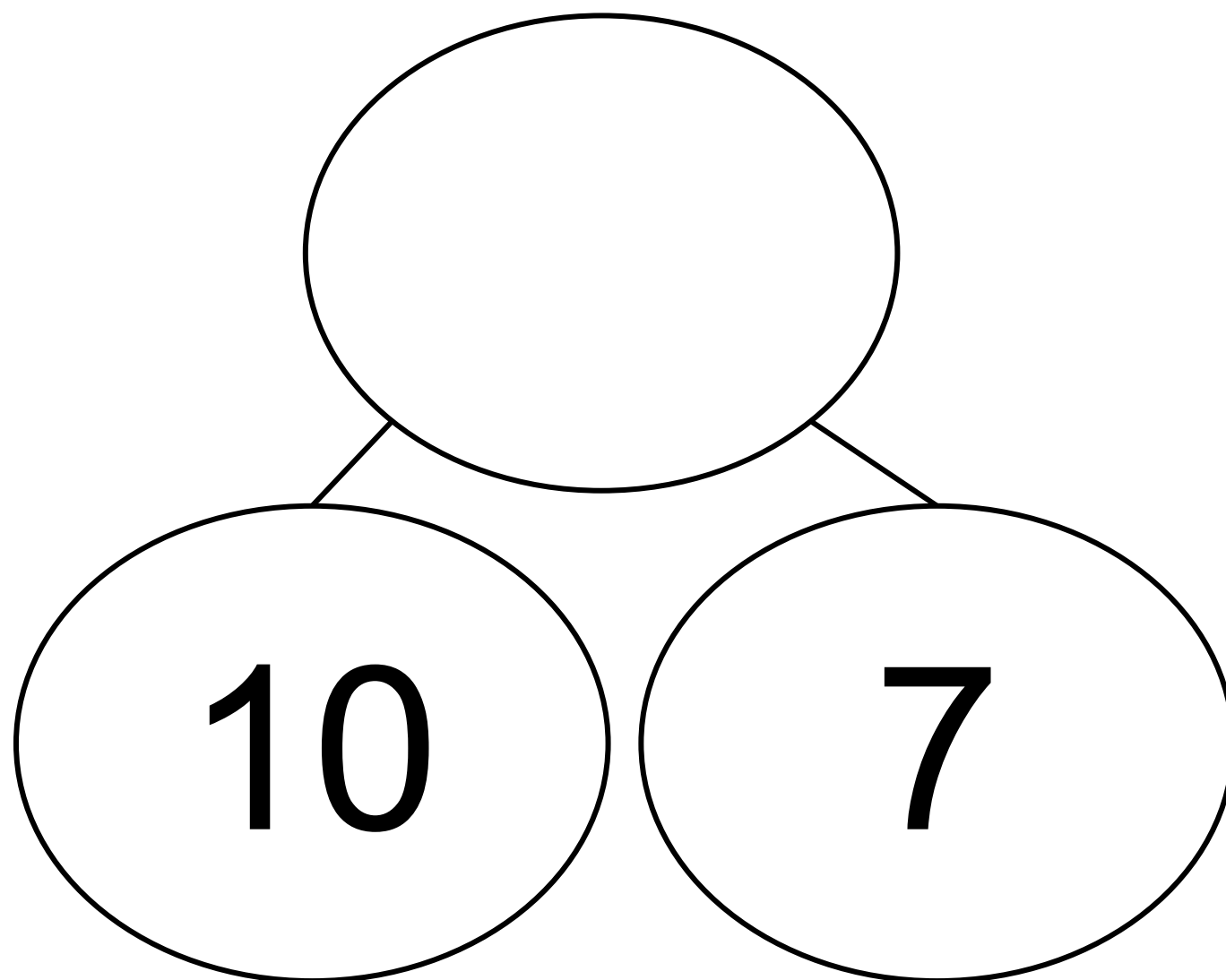
Fluency Practice

(10 minutes)

Teen Number Bonds (3 minutes)

Say the number
sentence starting
with 10.

Flip it!





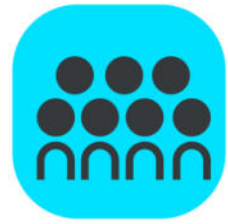
Application Problem

(5 minutes)

Peter drew a number bond of 13 as 10 and 3. Bill drew a number bond, too, but he switched around the 10 and 3. Show both Bill's and Peter's number bonds. Draw a picture of thirteen things as 10 ones and 3 ones. Explain your thinking to your partner about what you notice about the two number bonds.



Concept Development



26 min

Get out your Hide Zero cards and put them in order from 10 to 1 .

Put your linking cubes on your work mat.

What number is this?

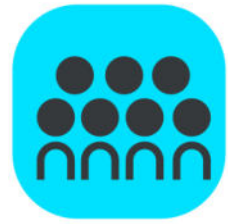
11

How would you say it the *Say Ten Way*?

Write it on your white board! Continue 12-19



Concept Development



26 min

What number is this?

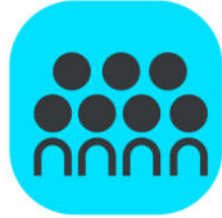
15

How would you say it the *Say Ten Way*?

Write it on your white board!

Show it with the dot side of your cards.

Continue with 11-19



Problem Set

7 min

10 minutes work

Lesson 3: Problem Set

10 min

Name _____

Date _____

Use your materials to show each number as 10 ones and some more ones.
Use your 5-groups way of drawing. Show each number with your Hide Zero cards. Whisper count as you work.

11

18

15

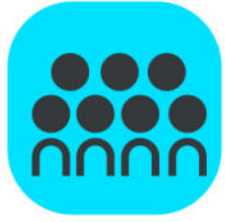
14

12

17

20

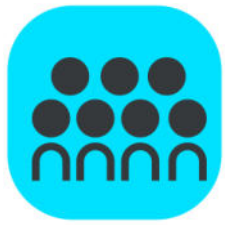
13



Debrief

(8 minutes)

Lesson Objective: Model and write numbers 10 to 20 as number bonds.



Debrief

(7 minutes)

- What is the same/different about the 5-group cards and the Hide Zero cards?
- How can you prove 20 is the same as 2 ten?
- When you write the number 18 on your personal white board, how is it the same and different from the number 18 when you show it with Hide Zero cards or 5-group cards?
- Which is your favorite way to show a number— with linking cubes, the Hide Zero cards, the 5-group cards, or just writing the number? Why?
- Count up to 20 in standard form, and count back to 0 the Say Ten way.
- Who can prove that the 1 in 14 is 10 ones, not 1 one?



Exit Ticket

(3 minutes)

Abstract

Lesson 8 Exit Ticket K-5

Name _____ Date _____

Use your materials to show the number as 10 ones and some more ones.
Use your 5-groups way of drawing.

16

Use your cubes to show the number. Then, color in the cubes to match the number.

12

[illegible]