



## Materials List

(S) Personal white boards

# Eureka Math

3rd Grade  
Module 5  
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.

**Screen A**

ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

“pop-out”

**Screen B**

Gr3(2) U3MAL1 Sample Lesson.pptx

File Edit View Insert Slide Format Arrange Tools Table Help Last edit was yesterday at

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Organize...

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Language

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Comments will not be copied to the new document.

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ReadyGEN™ in Action

3<sup>rd</sup> Grade  
Unit 3, Module A  
Lesson 1

# Icons



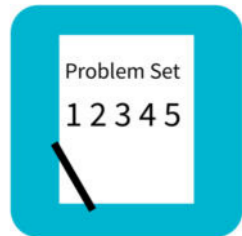
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



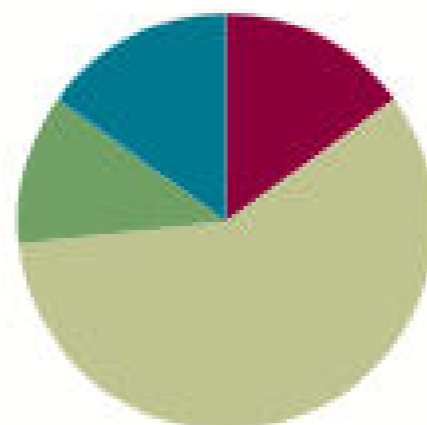
Small Group Time

## Lesson 15

Objective: Place any fraction on a number line with endpoints 0 and 1.

### Suggested Lesson Structure

■ Fluency Practice	(9 minutes)
■ Application Problem	(7 minutes)
■ Concept Development	(35 minutes)
■ Student Debrief	(9 minutes)
<b>Total Time</b>	<b>(60 minutes)</b>





Place any fraction on a number line with endpoints 0 and 1.



# Fluency Practice

Counting by Fractional Units (3 minutes)

Count by fourths from 1 fourth to 8 fourths  
and back to 0.



# Fluency Practice

Division (3 minutes)

Write  $4 \div 4 =$

Say the number sentence and answer.



# Fluency Practice

Place Unit Fractions on a Number Line Between 0 and 1 (3 minutes)

Draw my number line on your personal white board.







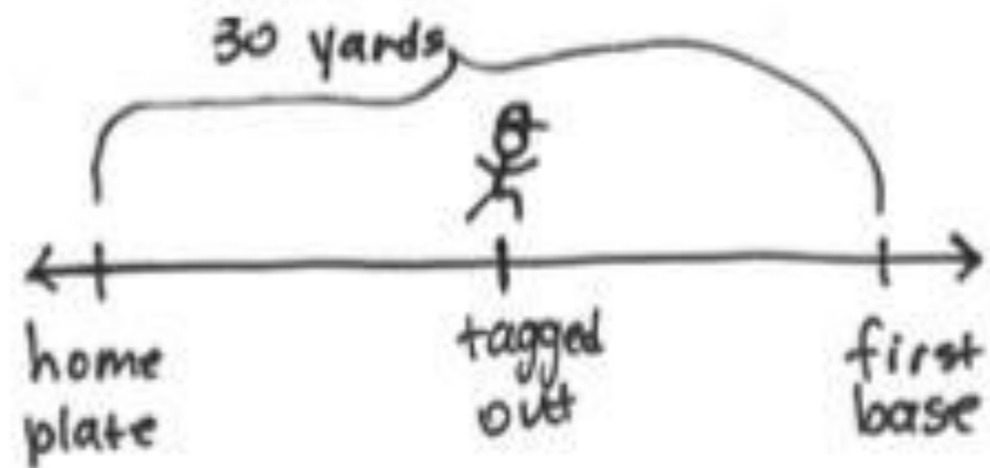
# Application Problem

In baseball, it is about 30 yards from home plate to first base. The batter got tagged out about halfway to first base. About how many yards from home plate was he when he got tagged out? Draw a number line to show the point where he was when he got tagged out.

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# Application Problem

In baseball, it is about 30 yards from home plate to first base. The batter got tagged out about halfway to first base. About how many yards from home plate was he when he got tagged out? Draw a number line to show the point where he was when he got tagged out.



30 is 2 units

$$30 \div 2 = 15$$

The runner was 15 yards from home plate.



# Concept Development

Problem 1: Locate the point  $\frac{2}{3}$  on a number line.

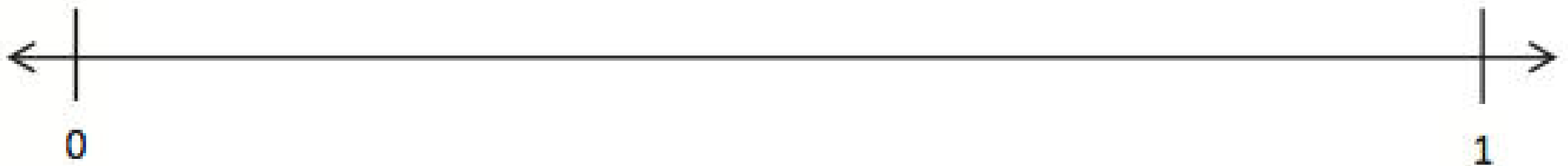


Click to check your work

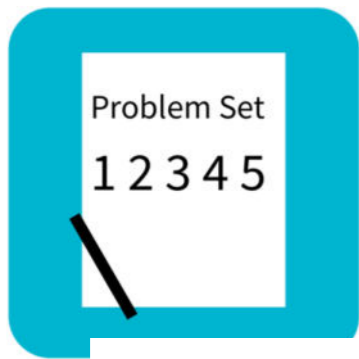


# Concept Development

Part 2: Measure the fractions. Problem 2: Locate the point  $\frac{3}{5}$  on a number line.



Click to check your work

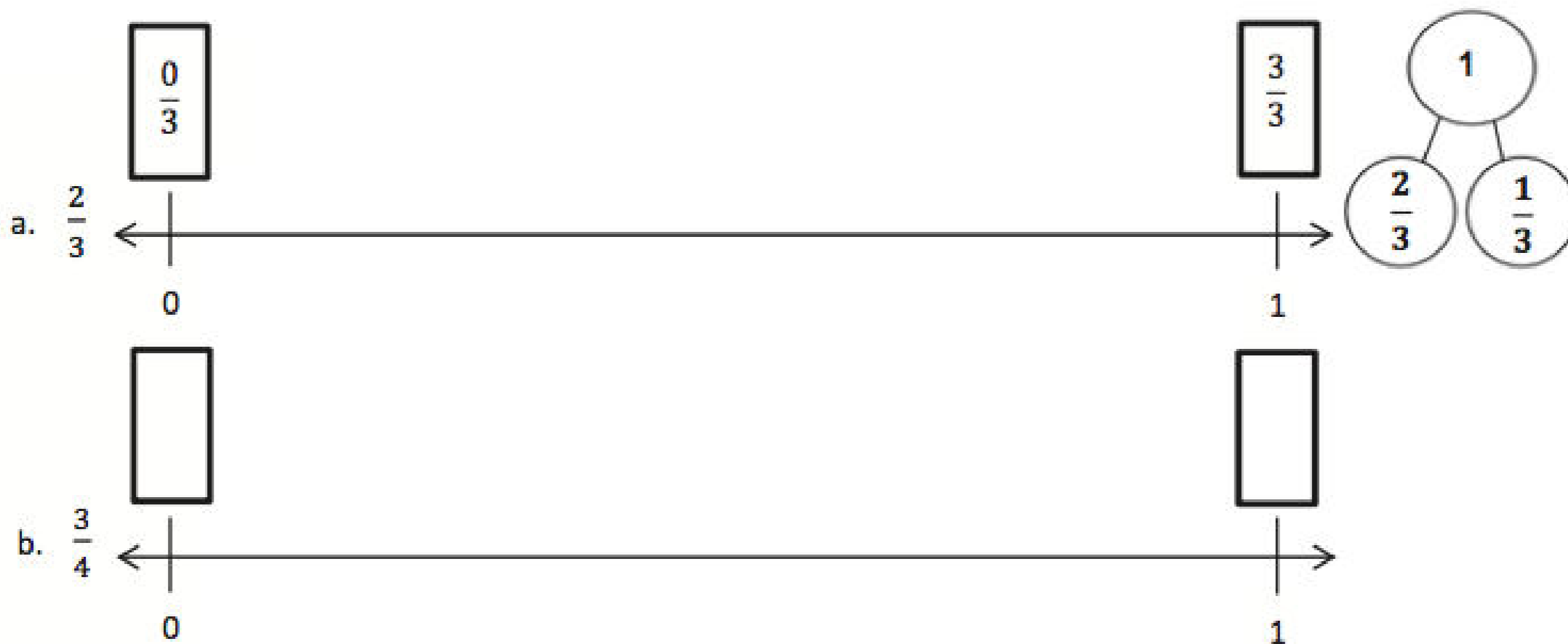


# Problem Set

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Estimate to label the given fractions on the number line. Be sure to label the fractions at 0 and 1. Write the fractions above the number line. Draw a number bond to match your number line.



# Debrief

**Lesson Objective: Place any fraction on a number line with endpoints 0 and 1.**

**-How does the number bond relate to the number line?**

**-How do the number bond and number line with fractions relate to the number bond and number line with whole numbers?**

**-When might a kindergartener draw a number bond? A first grader? Second grader? Third grader?**

**-When you think of a number bond, do you usually think of chunks of things?**

# Exit Ticket (3 minutes)

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Estimate to label the given fractions on the number line. Be sure to label the fractions at 0 and 1. Write the fractions above the number line. Draw a number bond to match your number line.

