# Fractions on the Number Line

Module 3
Session 5

# Today's Activities

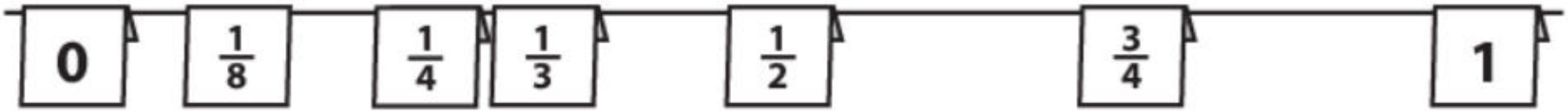
- Place more numbers on our class number lines
- Use your double number lines to keep working with fractions
- Work Places

# Life Sized Number Line

Discuss how we place the cards last session on the number line.

**Where do we place the cards for ⅓ on our number line?**

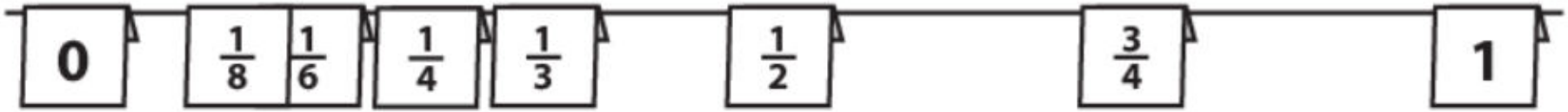
# Life Sized Number Line



# Life Sized Number Line

**Where do we place the card for ⅙ on our number line?**

# Life Sized Number Line

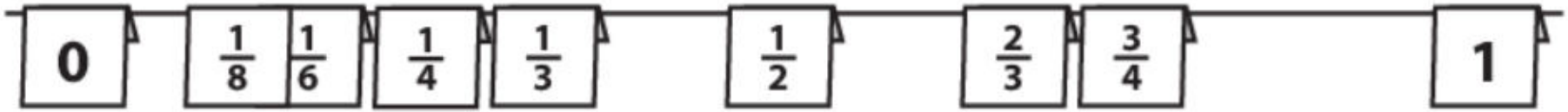


# Life Sized Number Line

**Where do we place the card for 2/3 on our number line?**

Share your idea with a partner about its placement on the line.

# Life Sized Number Line



# Life Sized Number Line

**Where do we place the card for ⅚ on our number line?**

Share your idea with a partner about its placement on the line.

Remember that ⅚ is one sixth less than the entire distance which is 1 (or 6/6).

# Life Sized Number Line

**Where do we place the card for ⅞ on our number line?**

Share your idea with a partner about its placement on the line.

Remember that ⅞ is one eighth less than the entire distance which is 1 (or 8/8).

# Double Number Line

Get out your double number line from the previous session. You are going to have another opportunity to see how accurately you can place fractions on a  number line.

Start with the side marked 0-1, and starting with 0, slide your paperclip along the fold until you think you've located the fraction **$\frac{1}{3}$.**

# Number Line Sketches - page 134

**Number Line Sketches** page 1 of 2

**1** Use your double number line to model the word problems below. Then sketch your solution on the number line. Write an equation to explain your thinking.

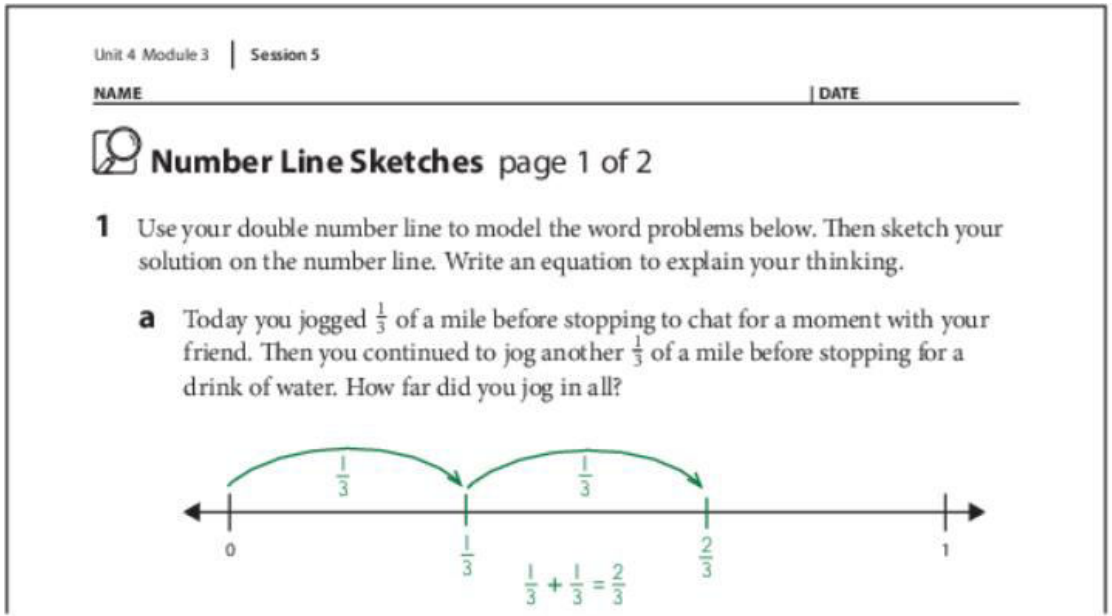
**a** Today you jogged $\frac{1}{3}$ of a mile before stopping to chat for a moment with your friend. Then you continued to jog another $\frac{1}{3}$ of a mile before stopping for a drink of water. How far did you jog in all?


**Move your paperclip along your number line and place it where you would stop for a drink of water.**

# Number Line Sketches - page 134

Find the Number Line Sketches page in your Student Book. Model the first problem and its solution on the first number line.

*Students can finish the page on their own or with a partner.*



Unit 4 Module 3 | Session 5

NAME | DATE

**Number Line Sketches** page 1 of 2

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# Work Places

- 3C - Round Ball Hundreds
- 3D - Round & Add Hundreds
- 4A - Tic-Tac-Tok
- 4B - Measurement Scavenger Hunt
- 4C - Target One Thousand
- 4D - Hexagon Spin & Fill

# Closing

Clean up your supplies and put everything away. You can choose to take home your double number lines to share with your families or keep them at school for using with fractions later on this year.

# Home Connections

## Fractions, Fractions & Fractions
## pages 75 & 76

# Optional

Complete The Broken Ruler, Part 2 on page 136 in your student book.