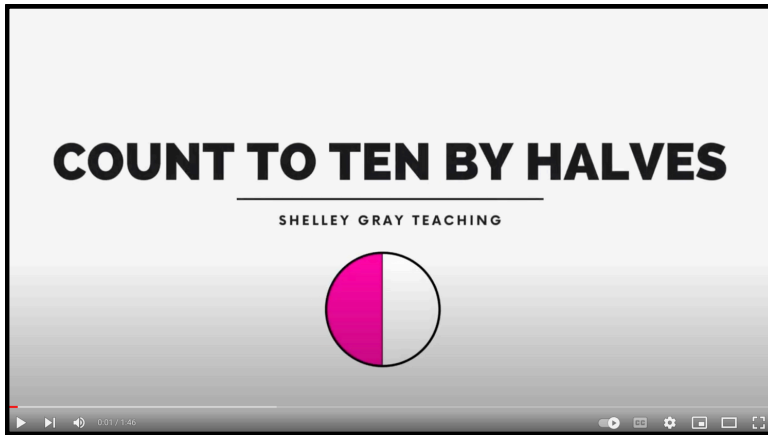


COUNT TO TEN BY HALVES

EXTENSION ACTIVITIES AND TEACHING IDEAS



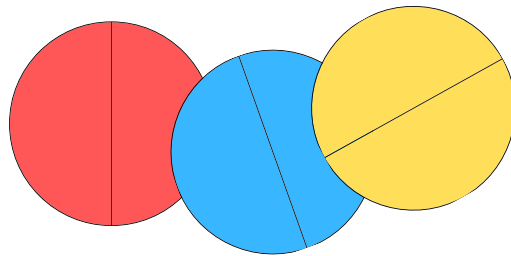
Find the accompanying video on YouTube here:

<https://www.youtube.com/watch?v=RV5JXLz503Y&t=13s>

Incorporate Concrete Manipulatives

Concrete manipulatives are essential to help students build understanding. If you have access to **fraction manipulatives**, have students physically move the one-half pieces as they count, “one-half, one, one and one-half, two, two and one-half, three,” etc.

If you do not have access to fraction manipulatives, have your students create some one-half pieces using the tracers on the following page.



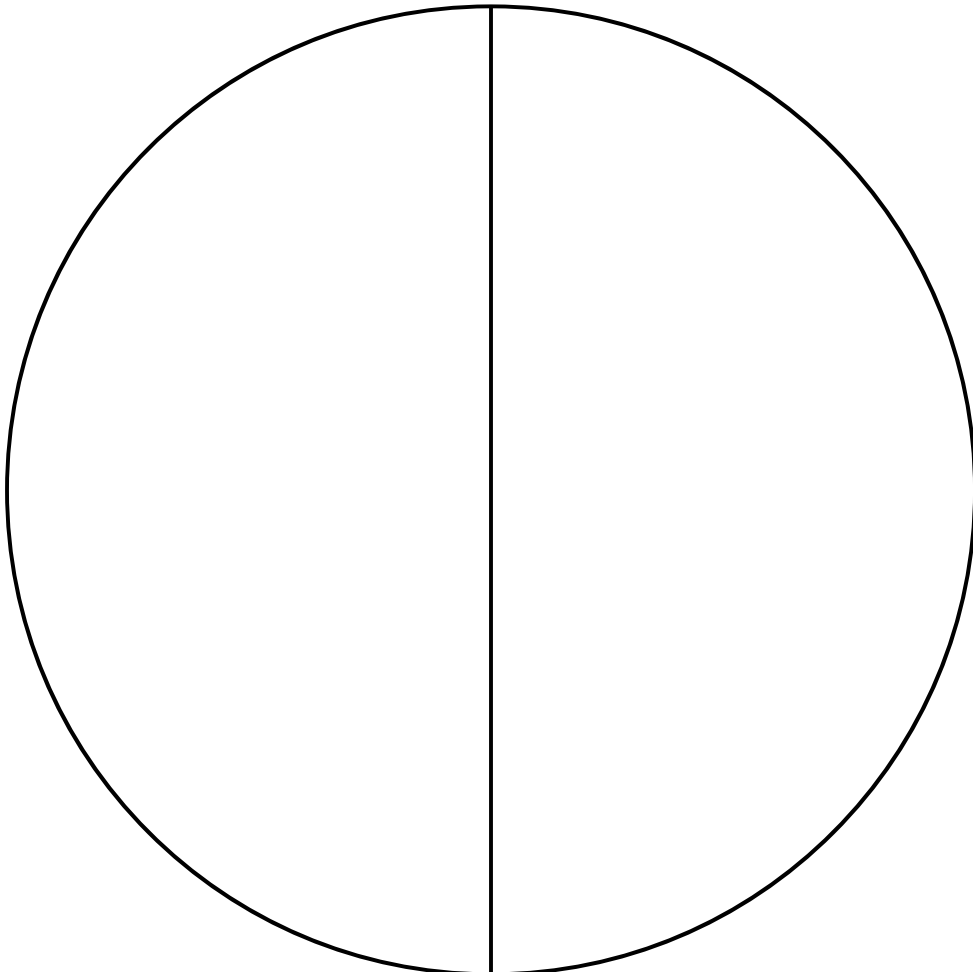
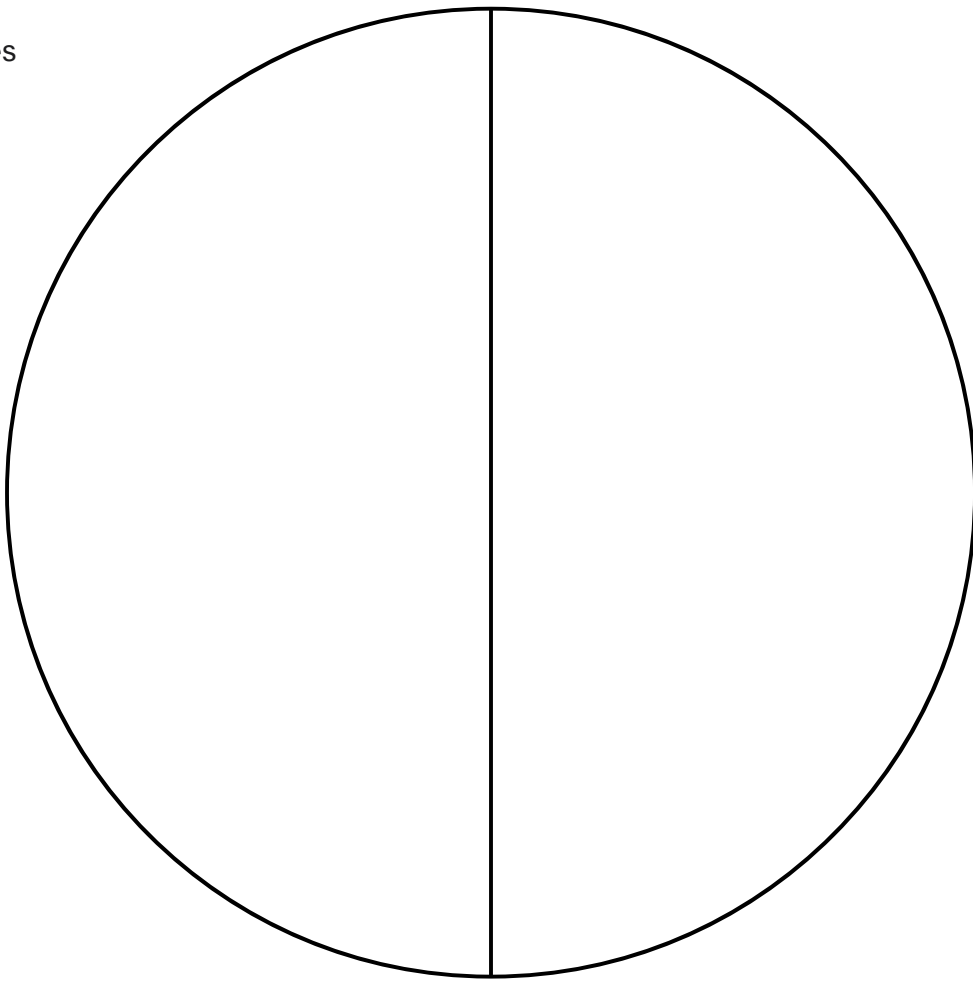
Extension Questions

Use these as whole class or small group discussions after viewing the video. Alternatively use these as **thinking tasks** and have students collaborate in groups to discuss their thoughts.

- How many one-half pieces are in 2 whole circles? 3? 4? Do you notice any patterns?
- How many one-half pieces would be in 40 whole circles? How do you know?
- If I had 25 one-half pieces, how many whole circles would I have? How do you know?
- What if we counted by thirds instead of halves? Would that take us more time or less time? How do you know?

Tracers

Make multiple copies so you have 10 wholes in all. Have students count to 10 by halves, moving each piece as they count.



MORE HELPFUL RESOURCES

TO TEACH FRACTION UNDERSTANDING

Teaching Math Using The Concrete Representational Abstract Model

concrete

abstract

representational

$9 + 4 = 10 + 3$

WWW.SHELLEYGRAYTEACHING.COM

Interested in learning more about teaching using the Concrete Representational Abstract (CRA) Model?

Read more here:

<https://shelleygrayteaching.com/concrete-representational-abstract-model/>

Build fraction understanding in a meaningful and relevant way!

FRACTION PROJECT
RUN A PIZZA PLACE
SHELLEY GRAY

14 FUN TASKS NO PREP PRINT & DIGITAL

A "REAL-LIFE" MATH PROJECT

RUN A PIZZA PLACE: A Fraction Project

incorporate practical real-life application of 3rd and 4th grade fraction concepts including:

- fractions on a number line
- identifying and comparing simple equivalent fractions
- visual models

CREATED BY SHELLEY GRAY

BRING FRACTIONS TO LIFE!

MATH FRACTION VOCABULARY
SHELLEY GRAY

MYSTERY FRACTIONS

MYSTERY FRACTION #1
Look for clues to identify the fractions.

MYSTERY FRACTION #3
Look for clues to determine the fractions.

printable & digital

A "Real-Life" Math Project

RUN A COFFEE SHOP: A FRACTION PROJECT
BEST-SUITED FOR GRADES 4-6

incorporate practical, real-life application of fraction concepts including:

- equivalent fractions
- decomposing
- adding and subtracting fractions
- mixed fractions
- comparing and ordering
- problem-solving

CREATED BY SHELLEY GRAY

FRACTIONS ON A NUMBER LINE
Task Cards

Created by Shelley Gray

FRACTION AND DECIMAL
of the day

60 activities to facilitate real understanding

SHELLEY GRAY

A Real Life Math Project

RUN AN ICE CREAM SHOP MATH PROJECT

In this math project, students will use beginning fraction skills to work with the various aspects of running an ice cream shop:

- working with simple fractions
- identifying the part and the whole
- representing fractions with a visual model
- fractions on a number line
- comparing simple fractions
- and more!

Schedule REATED BY SHELLEY GRAY