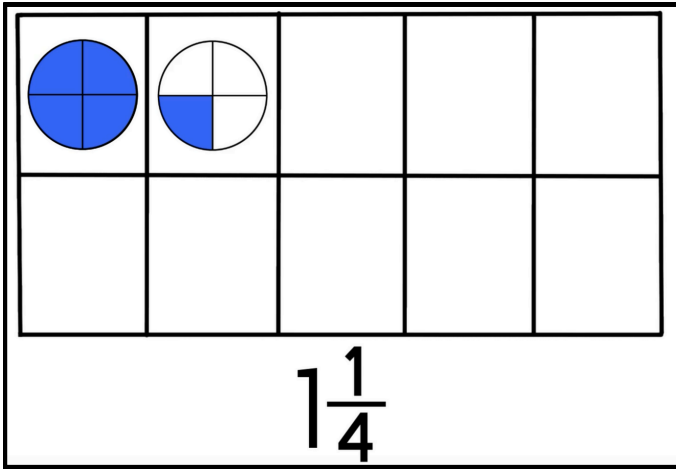


COUNT TO FIVE BY FOURTHS

EXTENSION ACTIVITIES AND TEACHING IDEAS



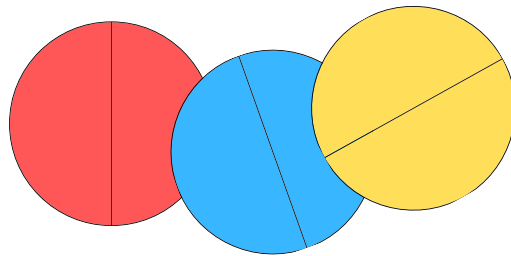
Find the accompanying video on
YouTube here:

<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-fourth pieces as they count, “one-fourth, two-fourths, three-fourths, one, one and one-fourth, two and one-fourth,” etc.

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



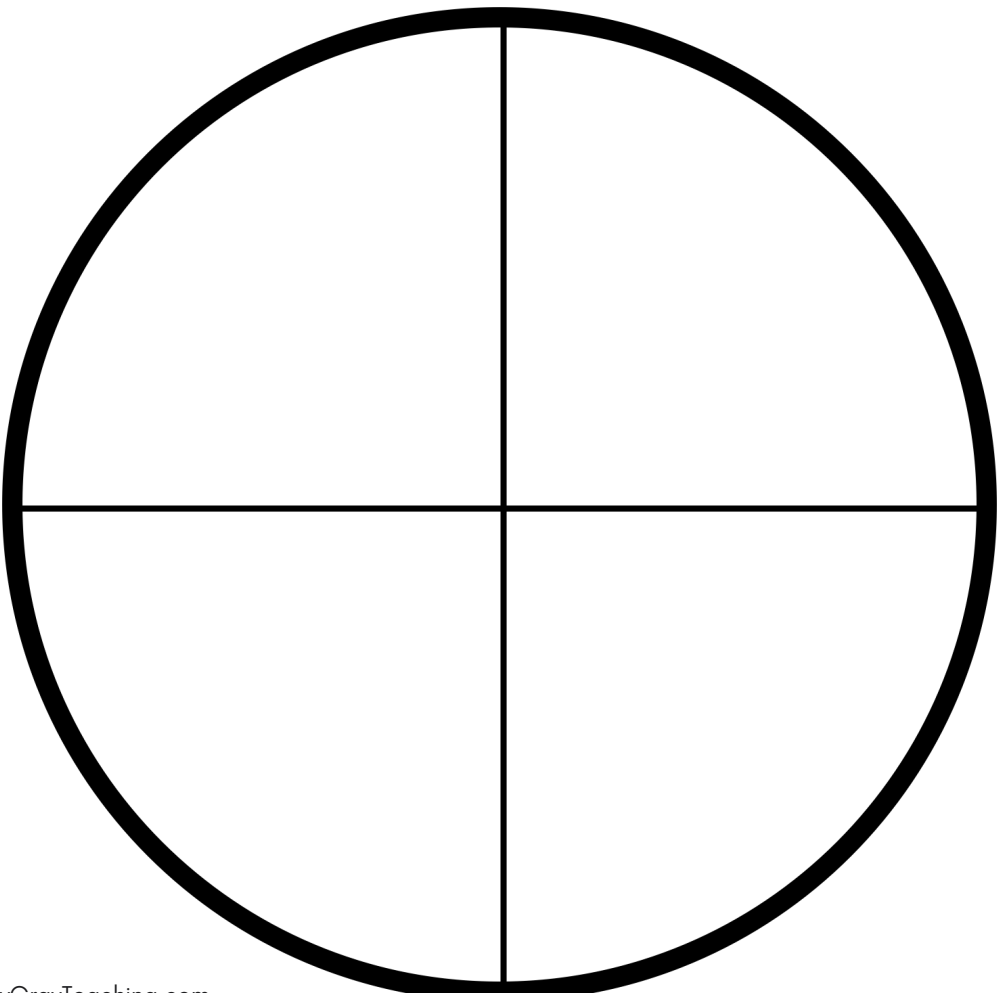
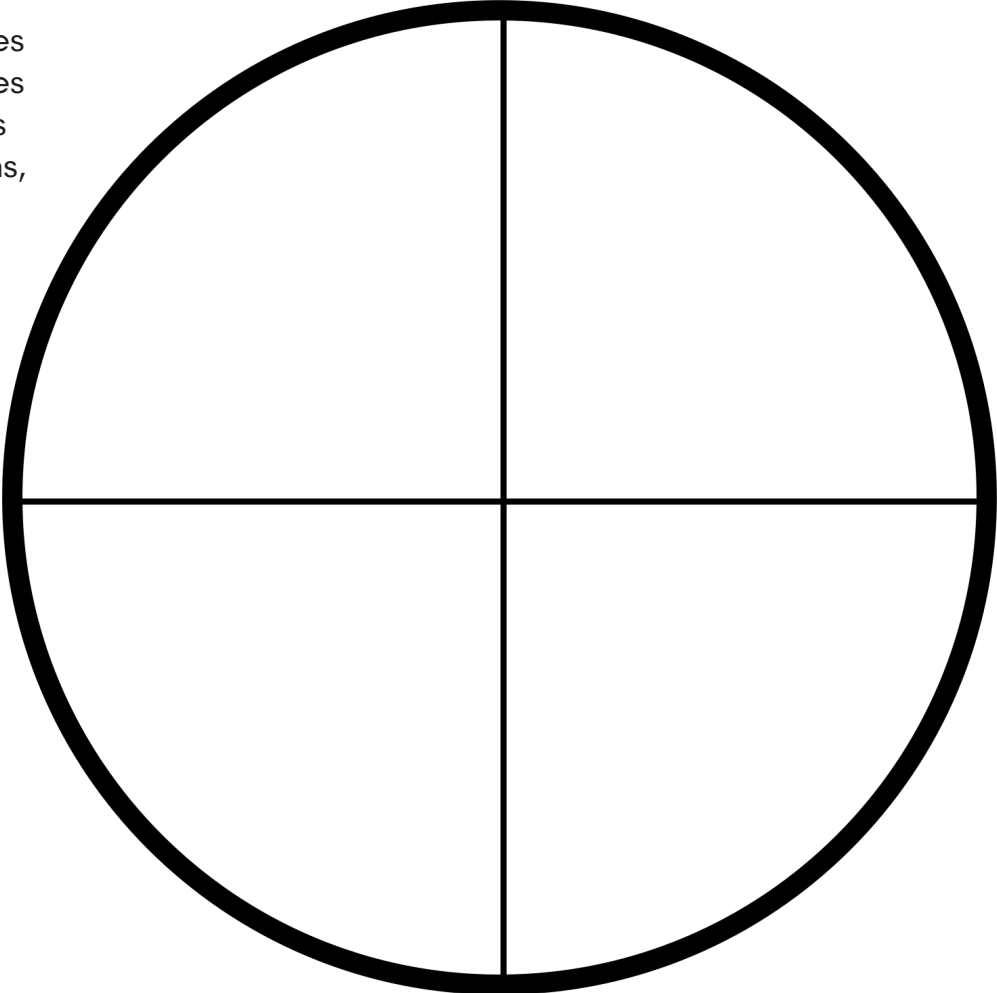
Extension Questions

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

Tracers

Make multiple copies so you have 5 wholes in all. Have students count to 5 by fourths, moving each piece as they count.



MORE HELPFUL RESOURCES

TO TEACH FRACTION UNDERSTANDING

Teaching Math Using the Concrete Representational Abstract Model

WWW.SHELLEYGRAYTEACHING.COM

The graphic illustrates the CRA model with three levels: concrete (a 2x10 grid of 10 green circles), representational (a 2x10 grid with 4 blue circles), and abstract (the equation $9+4=10+3$ with arrows pointing to the concrete and representational levels).

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

BRING FRACTIONS TO LIFE!

CREATED BY SHELLEY GRAY

MATH FRACTION VOCABULARY
SHELLEY GRAY

MYSTERY 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