How to access the Teacher Toolbox:


2. Click Register Now.

Note to i-Ready users: You must register separately for the Toolbox; i-Ready logins will not work. Please enter your school email.

3. Create an account with your information in 3 simple steps and click Finish.

4. IMPORTANT: Check your email and activate your account by clicking on the link.

Enter using your email address and the password you created above and click Log in.

5. If your school is not set up in our system, you will be asked to enter the license code(s). If you do not know your license code, please contact your school or district leader. Click Submit.
How do I use the Teacher Toolbox?

Entering your license code(s) will unlock the appropriate subjects. Lessons are conveniently organized to match your print materials, making it easy to find additional resources for teaching the skills and standards associated with each lesson.

Interactive whiteboard lessons for grades K–8 for whole class or small group instruction
Provides students with engaging online instruction and practice that’s so much fun, they’ll forget they’re learning!

Ready lessons for grades K–8
Provides instant access to K–8 Ready Reading, Ready Writing, and Ready Mathematics lessons and makes it easy for teachers to focus on particular skills or reteach skills that students may not have mastered in earlier grade levels.

Tools for Instruction for grades K–8
Provides teachers with alternative teaching strategies for challenging concepts or skills for Ready Reading and Ready Mathematics.

The Online Teacher Toolbox also includes:
- Student Assessments for Ready Reading and Ready Mathematics
- Lesson quizzes, Practice and Problem Solving books, and center activities for Ready Mathematics
- Exemplar Writing Samples for Ready Writing

Tools for Instruction
Number and Operations
I Level 3
Parts of a Whole
Page 1 of 2

Parts of a Whole
Objective
Model and identify common unit fractions represented as parts of a whole.

Materials
Sheets of rectangular paper, paper plates (optional), pencils or crayons

This activity builds on prior skills with dividing circles and rectangles into equal parts to show halves, thirds, and fourths and using fraction language to describe the parts. In this activity, students will model, name, and write unit fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{6}$, and $\frac{1}{8}$, which connects words and models to symbols. Fluency with unit fractions provides a foundation for recognizing fractions with other numerators and fractions with larger denominators. A strong understanding of representing fractions as parts of a whole will help students in the future as they advance to comparing and computing with fractions.

Step by Step
20–30 minutes
1. Model $\frac{1}{2}$.
   - Divide a piece of paper into two equal parts by folding it vertically. Divide another piece of paper into two unequal parts by folding it vertically in a different place. Ask the student to identify which piece of paper is divided into halves and explain why. (the first piece because the two parts are equal)
   - Give the student a piece of paper and ask her to fold it show halves. Encourage the student to find a different way of folding than was modeled. Remind the student that the two parts must be equal. Discuss the different ways to divide the paper equally into two parts.
   - Have the student shade one half of her paper using a pencil or crayon. Say: What fraction does the shaded part show? (one half) How do you write this fraction? (\(\frac{1}{2}\))
   - Discuss the parts of a fraction. Make sure the student understands that the bottom number (denominator) shows the number of equal parts in the whole and the top number (numerator) shows the number of shaded parts (parts you have).
   - Have the student label the shaded part of the paper with the words one half and the fraction $\frac{1}{2}$.

2. Model $\frac{1}{4}$.
   - Give the student a piece of paper and ask him to fold it to show fourths. Remind the student that the four parts must be equal. Discuss different ways to divide the paper equally into four parts.
   - Share an example of a piece of paper not divided into equal parts. Discuss why it does not show fourths.
   - Have the student shade one fourth of his paper using a pencil or crayon. Say: What fraction does the shaded part show? (one fourth) How do you write this fraction? (\(\frac{1}{4}\))
   - Have the student label the shaded part of the paper with the words one fourth and the fraction $\frac{1}{4}$.

3. Model other unit fractions.
   - Use rectangular paper or circular paper plates to model thirds, sixths, and eighths for the students.
   - Write the word form and symbolic form of $\frac{1}{3}$ on the board. Then have the student help you write the two forms for $\frac{1}{6}$ and $\frac{1}{8}$.