


Representing a Fraction

Write a fraction in the center. Represent the fraction each way. Then, complete the sentences to describe each representation.

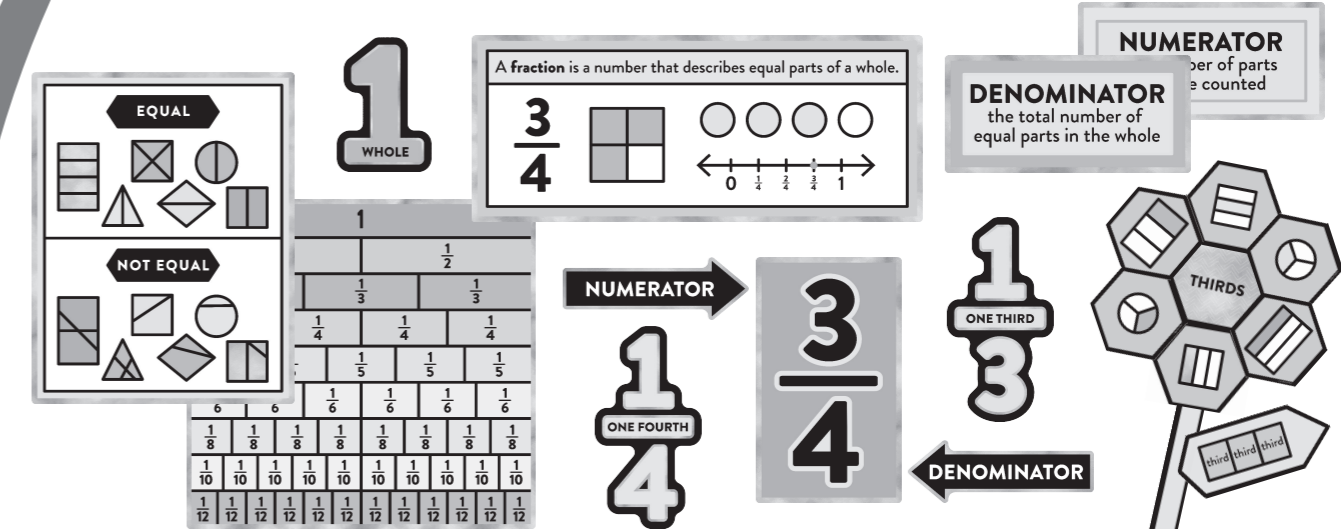
<p>Fraction Bars</p> <div style="border: 1px solid black; width: 100px; height: 80px; margin: 10px auto;"></div> <p>Divide into _____ parts.</p> <p>Shade _____ parts.</p>	<p>Parts of a Group</p> <p>Draw _____ objects.</p> <p>Shade _____ parts.</p>
<p>Parts of a Whole</p> <div style="border: 1px solid black; width: 80px; height: 60px; margin: 10px auto;"></div> <p>Divide into _____ parts.</p> <p>Shade _____ parts.</p>	<p>Number Line</p> <div style="text-align: center; margin: 10px auto;"> </div> <p>Divide into _____ parts.</p> <p>Draw a dot on the _____ mark.</p>



Understanding Fractions

Bulletin Board

RESOURCE GUIDE



(A partial set is shown.)

Putting It Together

- Laminate the Understanding Fractions Bulletin Board for durability.
- The Understanding Fractions Bulletin Board can be displayed on a wall or bulletin board.
- Refer to the diagram above for a picture of the Understanding Fractions Bulletin Board.

Title Ideas

Floral Fractions

Garden of Fractions

Spring into Fractions!

Unbe-leaf-able Fractions

All About Fractions

Using the Understanding Fractions Bulletin Board

Use the Understanding Fractions Bulletin Board as an interactive way to introduce fractions to students in a simple manner that stems from their understanding of partitioning.

Fraction Teaching Pieces Laminate each accent piece before use. Use the numerator and denominator arrow labels and the definition pieces to label the large fraction. Display the posters and teaching pieces in math centers as reference tools for students.

Fraction Flowers Place the text hexagon (*whole, halves, thirds, or fourths*) in the center. Place the hexagonal petal accents with the matching fraction representations around the center. Add a stem accent to the bottom. Finally, add the matching leaf accent to complete the flower. Display the large fractions beside each flower.

Fraction Flower Matching Laminate the flower accent pieces and place them in a math center. Have students assemble each flower by matching the correct center, petals, and leaf. Finally, students should place the correct fraction beside each flower.

Fraction Scavenger Hunt Provide magazines or newspapers to students and challenge them to find pictures that represent fractions. For example, a picture showing three apples and one banana could represent one-fourth or three-fourths. Have students create posters showing the fractions they find by cutting out each picture and gluing them to their posters. Each picture should be labeled with the correct fraction. Display the posters on a bulletin board titled "Finding Fractions."

What's in a Name? Have students write their names so that they cover single sheets of paper. Allow students to decorate each letter. Then, have students identify the fractions found in their names, such as the number of vowels or consonants, uppercase and lowercase letters, etc. Display the name posters on a bulletin board titled "What's in a Name?"

Foodie Fractions In a math center, provide blank sheets of paper to represent cakes, blank circles to represent pizzas, and blank ice cream sundae patterns. Preprogram index cards with challenges that direct students to divide their "food" into halves, thirds, or fourths. Challenge cards should also include directions such as cover $\frac{1}{4}$ of the cake with blue sprinkles, cover $\frac{3}{4}$ of the cake with pink frosting, or write a message on $\frac{2}{4}$ of the cake. Allow students to choose a blank "food" piece and a challenge card. Provide craft materials such as markers, glue, construction paper, etc., for students to use when decorating their food pieces. Display the finished pieces on a bulletin board titled "Foodie Fractions."

Pattern Block Fractions Show students pictures of quilt blocks and other repeated designs. Provide students with pattern blocks and sheets of paper. Have students use the pattern blocks to create quilt blocks or patterned designs on their papers. Once they are done, they should trace each block before removing it and then color the pictures. When the pictures are complete, have students use fractions to describe the patterns on the backs of their papers. For example, students could write $\frac{3}{12}$ of the shapes are trapezoids, or $\frac{1}{2}$ of the design is yellow. Display the art on a bulletin board titled "Art Parts."

Reproducible Patterns

