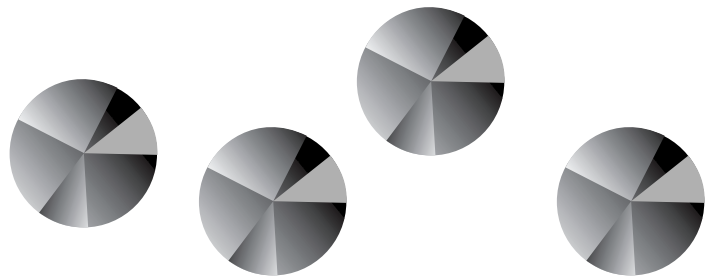


# Using Fraction Circles

**Your kit contains one complete set of Basic Fraction Circles for the Overhead which has 24 pieces in 6 colors.**



**Fraction Circles** consist of six circles that show a whole, halves, thirds, fourths, sixths, and eighths. The Basic Fraction Circles Set contains 24 pieces. They are available in clear plastic (for the overhead) or ManipuLite®.

Deluxe Rainbow Fraction Circles are also available in plastic and overhead versions. These sets consist of 51 pieces. Nine circles represent a whole, halves, thirds, fourths, fifths, sixths, eighths, tenths, and twelfths. They can be used to extend the Basic Fraction Circles set.

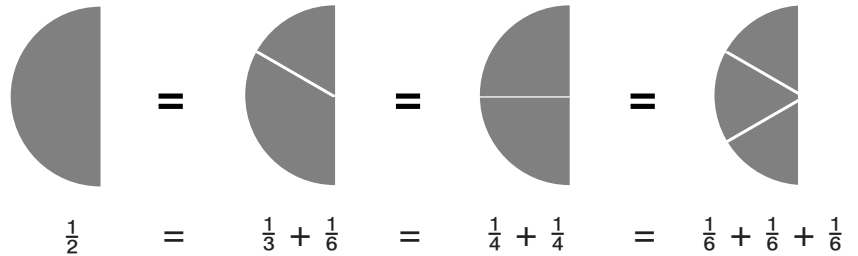
The following materials will enhance mathematics instruction.

- ETA 4500 Plastic Basic Fraction Circles
- ETA 335 ManipuLite Basic Fraction Circles
- ETA 4605 Overhead Basic Fraction Circles
- ETA 9083 Deluxe Rainbow Fraction Circles
- ETA 4606 Fraction Circle Rings
- ETA 4523 Fraction Circle Grids
- ETA 4555 Rainbow Fraction Circle Flash Cards
- ETA 9081 Overhead Deluxe Rainbow Fraction Circles
- ETA 4536 *Fractions in Action* Activity Book

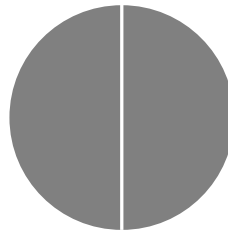
## Common Uses of Fraction Circles

To engage students in

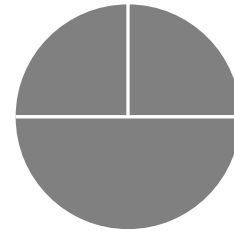
- exploring and discovering relationships between the pieces. For example, the fraction pieces can be used to model the following equivalencies:



- recording fractions that name the different pieces or combinations of pieces.

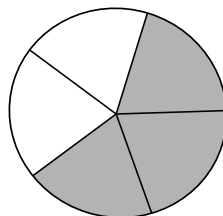


$\frac{1}{2}$  Yellow

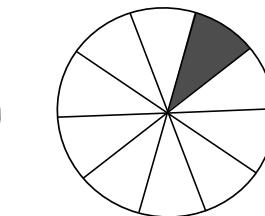


$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 1$

- using Fraction Circle pieces to solve problems requiring the addition, subtraction, multiplication, or division of fractions. Fraction division can be illustrated using a model such as the following problem:  $\frac{3}{5} \div \frac{1}{10}$ . This problem can be read as follows: *How many tenths are there in  $\frac{3}{5}$ ?*



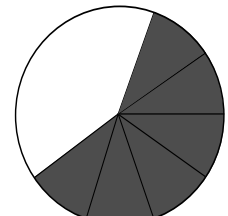
$\frac{3}{5}$



$\div$

$\frac{1}{10}$

$=$



6

There are 6 tenths in three-fifths.