
























one whole	one-half	two-halves	one-third	two-thirds	three-thirds	one-fourth	two-fourths	three-fourths	four-fourths	one-fifth	two-fifths
1	$\frac{1}{2}$	$\frac{2}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{3}{3}$	$\frac{1}{4}$	$\frac{2}{4}$	$\frac{3}{4}$	$\frac{4}{4}$	$\frac{1}{5}$	$\frac{2}{5}$
											
three-fifths	four-fifths	five-fifths	one-sixth	two-sixths	three-sixths	four-sixths	five-sixths	six-sixths	one-seventh	two-sevenths	three-sevenths
$\frac{3}{5}$	$\frac{4}{5}$	$\frac{5}{5}$	$\frac{1}{6}$	$\frac{2}{6}$	$\frac{3}{6}$	$\frac{4}{6}$	$\frac{5}{6}$	$\frac{6}{6}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$
											
four-sevenths	five-sevenths	six-sevenths	seven-sevenths	one-eighth	two-eighths	three-eighths	four-eighths	five-eighths	six-eighths	seven-eighths	eight-eighths
$\frac{4}{7}$	$\frac{5}{7}$	$\frac{6}{7}$	$\frac{7}{7}$	$\frac{1}{8}$	$\frac{2}{8}$	$\frac{3}{8}$	$\frac{4}{8}$	$\frac{5}{8}$	$\frac{6}{8}$	$\frac{7}{8}$	$\frac{8}{8}$

Fraction Circles Card Sort

Cards for matching fractions in pictures, numbers, and words, for fractions up to tenths

Fraction Circles Card Sort

The fraction circle cards provide a way for students just learning fractions to identify fractional amounts with their numeric representation and name in words (ex: $\frac{1}{3}$ and one-third).

This can be used as a card sort matching pictures with numbers and words, either independently or with a partner. The cards can also be used to find equivalent shapes, as well as adding and subtracting fractions. The pages themselves can be printed as resources for the room, if desired.

What's Included

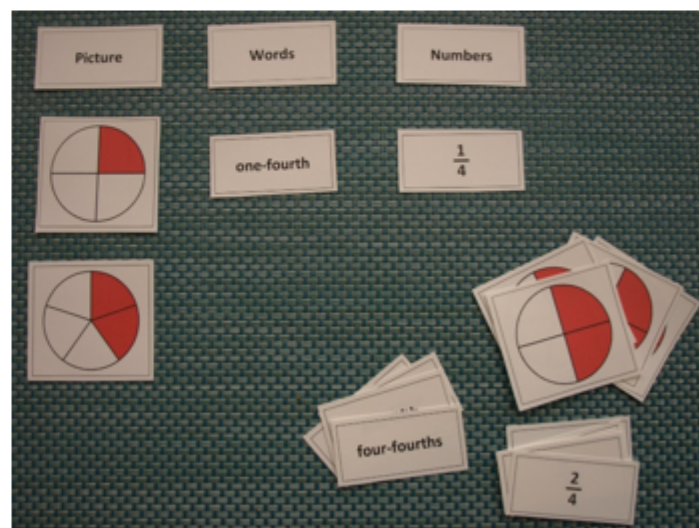
- 165 cards, including fraction picture card, fraction number card, and fraction name card for each fraction up to tenths
- Answer key showing the name and number cards associated with each fraction picture, which can be also printed and used as a poster in the classroom
- Answer key showing equivalent shapes (equivalent fractions), which can be also printed and used as a poster in the classroom

Instructions

Print on card stock, cut, and laminate cards.

Matching Picture with Fraction Number and Fraction Name Card Sort

1. Choose which cards will be available to the students. (You may want to start with a subset of the cards in order to not overwhelm the children with all of the cards at once.)
2. Set out the column labels for sorting (Picture, Words, Numbers).
3. Have the students choose a fraction picture card and set it under the "Picture" column.
4. Have the child find the coordinating fraction name in words and set it out in the appropriate column, followed by the fraction numbers card.
5. Have students repeat until all cards have been sorted.
6. Check with answer key.
7. *Optional:* Record in math notebook.



Sorting using column labels

Matching Equivalent Shapes

1. Choose which cards will be available to the students. (You may want to choose a subset of the cards that have equivalents [ex: $1/2$, $1/4$, etc.] in order to not overwhelm the children with all of the cards at once.)
2. Have the student choose a fraction picture card and set it out on the table/mat. Have the child find the coordinating fraction number and set it out, followed by the fraction name card.
3. Using the picture cards, have the student find another picture that is the same shape, but that has more pieces (ex: $2/4$ to match with $1/2$).
4. Have students repeat until all equivalent shapes have been sorted.
5. Check with answer key.
6. *Optional:* Record in math notebook.

Adding Fractions

1. Choose which cards will be available to the students. (You will want to choose a subset of the cards that have the same denominator and when added together are equal to or less than the whole.)
2. Have the student choose a fraction picture card and set it out on the table/mat (for example, $1/5$).
3. Now have the child choose another fraction picture card that has the same denominator as the first one chosen (for example, $2/5$).
4. Have the child determine how many parts of the fraction circles are colored in altogether and find the fraction circle card that matches ($3/5$).
5. Have student verbalize the equation ($1/5 + 2/5 = 3/5$), if desired.
6. Record, if desired, in math notebook.
7. Check work with another student, or with a teacher.

The same process above can be used with learning how to subtract common fractions.

Sample Cards and Answer Keys

Sample cards showing fractions and their visual representations using circles:

- one-third: $\frac{1}{3}$ (circle with 3 equal parts, 1 shaded)
- two-thirds: $\frac{2}{3}$ (circle with 3 equal parts, 2 shaded)
- three-thirds: $\frac{3}{3}$ (circle with 3 equal parts, 3 shaded)
- one-fourth: $\frac{1}{4}$ (circle with 4 equal parts, 1 shaded)
- two-fourths: $\frac{2}{4}$ (circle with 4 equal parts, 2 shaded)
- three-fourths: $\frac{3}{4}$ (circle with 4 equal parts, 3 shaded)
- seven-sevenths: $\frac{7}{7}$ (circle with 7 equal parts, 7 shaded)
- one-eighth: $\frac{1}{8}$ (circle with 8 equal parts, 1 shaded)
- two-eighths: $\frac{2}{8}$ (circle with 8 equal parts, 2 shaded)
- three-eighths: $\frac{3}{8}$ (circle with 8 equal parts, 3 shaded)
- four-eighths: $\frac{4}{8}$ (circle with 8 equal parts, 4 shaded)
- five-eighths: $\frac{5}{8}$ (circle with 8 equal parts, 5 shaded)
- four-fourths: $\frac{4}{4}$ (circle with 4 equal parts, 4 shaded)
- one-fifth: $\frac{1}{5}$ (circle with 5 equal parts, 1 shaded)
- two-fifths: $\frac{2}{5}$ (circle with 5 equal parts, 2 shaded)

Answer Key for sample cards:

one-whole: 1 (circle with 1 shaded)

one-half: $\frac{1}{2}$ (circle with 2 equal parts, 1 shaded)

two-halves: $\frac{2}{2}$ (circle with 2 equal parts, 2 shaded)

one-third: $\frac{1}{3}$ (circle with 3 equal parts, 1 shaded)

two-thirds: $\frac{2}{3}$ (circle with 3 equal parts, 2 shaded)

three-thirds: $\frac{3}{3}$ (circle with 3 equal parts, 3 shaded)

one-fourth: $\frac{1}{4}$ (circle with 4 equal parts, 1 shaded)

two-fourths: $\frac{2}{4}$ (circle with 4 equal parts, 2 shaded)

three-fourths: $\frac{3}{4}$ (circle with 4 equal parts, 3 shaded)

four-fourths: $\frac{4}{4}$ (circle with 4 equal parts, 4 shaded)

one-fifth: $\frac{1}{5}$ (circle with 5 equal parts, 1 shaded)

two-fifths: $\frac{2}{5}$ (circle with 5 equal parts, 2 shaded)

three-fifths: $\frac{3}{5}$ (circle with 5 equal parts, 3 shaded)

four-fifths: $\frac{4}{5}$ (circle with 5 equal parts, 4 shaded)

five-fifths: $\frac{5}{5}$ (circle with 5 equal parts, 5 shaded)

one-sixth: $\frac{1}{6}$ (circle with 6 equal parts, 1 shaded)

two-sixths: $\frac{2}{6}$ (circle with 6 equal parts, 2 shaded)

three-sixths: $\frac{3}{6}$ (circle with 6 equal parts, 3 shaded)

four-sixths: $\frac{4}{6}$ (circle with 6 equal parts, 4 shaded)

five-sixths: $\frac{5}{6}$ (circle with 6 equal parts, 5 shaded)

one-seventh: $\frac{1}{7}$ (circle with 7 equal parts, 1 shaded)

two-sevenths: $\frac{2}{7}$ (circle with 7 equal parts, 2 shaded)

three-sevenths: $\frac{3}{7}$ (circle with 7 equal parts, 3 shaded)

four-sevenths: $\frac{4}{7}$ (circle with 7 equal parts, 4 shaded)

five-sevenths: $\frac{5}{7}$ (circle with 7 equal parts, 5 shaded)

six-sevenths: $\frac{6}{7}$ (circle with 7 equal parts, 6 shaded)

seven-sevenths: $\frac{7}{7}$ (circle with 7 equal parts, 7 shaded)

Equivalent Fractions Answer Key

Equivalent Fractions for One-Whole

one-whole	two-halves	three-thirds	four-fourths	five-fifths	six-sixths	seven-sevenths	eight-eighths	nine-ninths	ten-tenths
1	$\frac{2}{2}$	$\frac{3}{3}$	$\frac{4}{4}$	$\frac{5}{5}$	$\frac{6}{6}$	$\frac{7}{7}$	$\frac{8}{8}$	$\frac{9}{9}$	$\frac{10}{10}$

Equivalent Fractions for One-Half

one-half	two-fourths	three-sixths	four-eighths	five-tenths
$\frac{1}{2}$	$\frac{2}{4}$	$\frac{3}{6}$	$\frac{4}{8}$	$\frac{5}{10}$

Equivalent Fractions for One-Third

one-third	two-sixths	three-ninths
$\frac{1}{3}$	$\frac{2}{6}$	$\frac{3}{9}$



Check out my other products at [Virtually Montessori](https://www.virtuallymontessori.com). Some related products include:

[Addition of Fractions – Problem Tickets](#)

[Subtraction of Fractions – Problem Tickets](#)

[Multiplication of Fractions – Problem Tickets](#)

[Division of Fractions – Problem Tickets](#)

[Bundle of Fraction Tickets for All Operations](#)

[Equivalent Fractions with Hundredths: Samples, Booklet, and Blanks](#)

[Fraction Circles: Manipulatives for Fractions up to Tenths](#)

If you have any questions,
feel free to email info@virtuallymontessori.com.