



Comparing Fractions

www.kidsacademy.mobi

Previously, your children have learned to recognize equivalent fractions. Today, you will facilitate the learning of your kids on the topic on comparing fractions.

Comparing fractions means determining which is greater than or less than between two fractions or determining if they are equivalent or equal. Explain to your kids that greater than is used to indicate that a number has a higher value compared to the other one, whereas less than is used when a number has a lower value with reference to the other number. On the other hand, equal to is used when the two numbers have the same value.

Below are the symbols used in comparing fractions. Let your kids draw these symbols so that they would easily remember them.

> : symbol for greater than

< : symbol for less than

= : symbol for equal to

After familiarizing the kids with the symbols, use the following examples to test their understanding of the symbols. Use a board and a marker, and write the given fractions. Let the kids supply the appropriate symbol for each. Advise your kids to convert each fraction to graphical representation so that it would be easier for them to determine the right symbol that will complete each equation. Guide them in choosing the figure they will use in making the representations. They may create illustrations of pizza, cake, chocolate bar, furniture, blocks, and any other things that they are familiar with.

1. $1/2$ ____ $1/3$

2. $1/4$ ____ $1/8$

3. $1/3$ ____ $1/5$

4. $2/3$ ____ $1/4$

5. $1/8$ ____ $1/20$

Answers for items a to e are all ">" (greater than).

1. $1/2$ ____ $3/4$

2. $3/4$ ____ $4/4$

3. $5/7$ ____ $6/7$

4. $3/8$ ____ $5/8$

5. $\frac{1}{9}$ _____ $\frac{1}{7}$

Answers for items f to j are all ">" (less than).

1. $\frac{1}{2}$ _____ $\frac{2}{4}$

2. $\frac{1}{3}$ _____ $\frac{2}{6}$

3. $\frac{1}{4}$ _____ $\frac{2}{8}$

4. $\frac{1}{5}$ _____ $\frac{2}{10}$

5. $\frac{1}{6}$ _____ $\frac{2}{12}$

Answers for items k to o are all "=" (equal to).

If your kids have performed well in the above activity, it means they have mastered the [lessons](#). If it is the other way around, give them another set of similar questions. You may use the items below:

1. $\frac{2}{9}$ _____ $\frac{2}{10}$

2. $\frac{3}{8}$ _____ $\frac{1}{4}$

3. $\frac{1}{3}$ _____ $\frac{1}{12}$

Answers for items a to c are all ">" (greater than).

1. $\frac{2}{3}$ _____ $\frac{3}{3}$

2. $\frac{1}{4}$ _____ $\frac{3}{4}$

3. $\frac{4}{7}$ _____ $\frac{7}{7}$

Answers for items d to f are all ">" (less than).

1. $\frac{2}{3}$ _____ $\frac{4}{6}$

2. $\frac{1}{5}$ _____ $\frac{2}{10}$

3. $\frac{3}{4}$ _____ $\frac{6}{8}$

4. $\frac{4}{5}$ _____ $\frac{8}{10}$

Answers for items g to j are all "=" (equal to).

If they have finally performed well, ask your kids how confident they are with their skills in comparing fractions. If they answer that they are already confident, you may now use the [interactive worksheets](#) finely crafted by [Kids Academy](#). Kids Academy is passionate in creating meaningful and [relevant worksheets for your kids' learning](#).

The first worksheet, [Scottish Sewing Math Worksheet](#) is designed to help your kids see the significance of comparing fractions. The activity integrates a problem related to sewing, and highlights how comparing fractions helps in the process. If the children are able to determine the greater fractions, they can apply their skills in similar scenarios in real life.

Scottish Sewing MATH



Oliver and his sister Aileen want to sew their own traditional Scottish clothing. They need enough of each fabric to sew clothes for them both. Help them get enough fabric by checking the **greater** fraction model in each comparison.



$3/4$



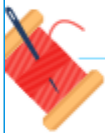
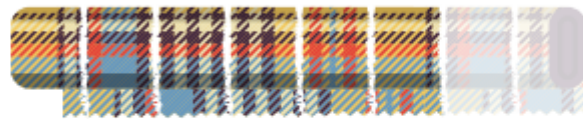
$3/5$



$6/12$



$6/8$



$5/7$



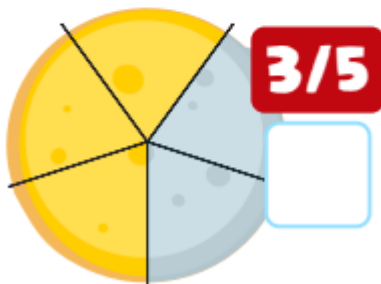
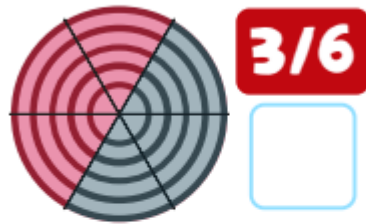
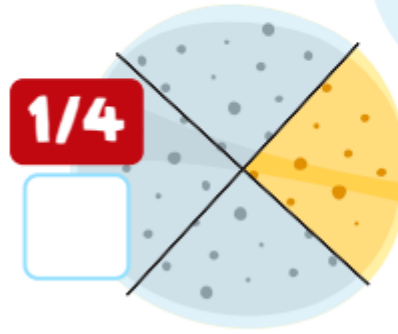
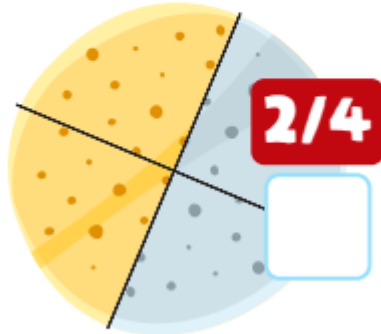
$5/9$



The second worksheet, [Mexican Cooking Worksheet](#) is constructed to let the children know how comparing fractions plays a role in important activities like cooking. If they succeed in this activity, it will broaden their perspectives in terms of comparing fractions to execute a task, in this case, obtaining the right amounts of ingredients.

MEXICAN COOKING

Alejandra wants to make a traditional Mexican pozole stew for her grandmother's birthday dinner. She needs enough to feed her whole family. Help her get the right ingredients by selecting all of the **GREATER** fractions.



The third worksheet, [Korean Cooking Worksheet](#), targets to assess the children's skills in comparing sets of fractions of food as eaten by two individuals. This is helpful as they can relate their food-sharing experiences, thus reinforcing the learning of comparison of fractions.

Hyun-Ki



Korean Cooking

KIDS
ACADEMY
Minkyu



Hyun-Ki and his brother Minkyu cooked many traditional Korean foods for the Mid-Autumn Festival. Who ate more of each dish? Compare the fractions and select the correct comparison symbol.



$\frac{5}{6}$

kimchi

$\frac{4}{6}$



>

=

<



$\frac{8}{10}$

sticky rice cake

$\frac{9}{10}$



>

=

<



$\frac{3}{8}$

bibimbap

$\frac{3}{8}$



>

=

<



$\frac{2}{6}$

yugwa

$\frac{4}{6}$



>

=

<

The fourth worksheet, [World Traveler Worksheet](#), completes the activities for fractions. This is a wrap-up worksheet aimed at solidifying your children's learning of the lesson. It also integrates the concept of geography which makes the presented word problem more interesting.

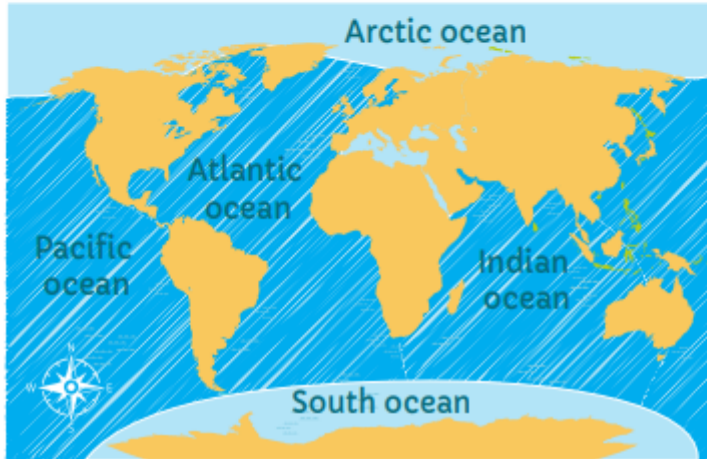


World Traveler

Inez loves to travel! She has traveled all over the world. Help her figure out what fraction of the world's oceans and continents she has visited so far. Look at the shaded or colored sections.



1. What fraction of the world's oceans has she sailed across?



$\frac{3}{5}$

$\frac{4}{5}$

2. What fraction of the world's continents has she visited?



$\frac{2}{7}$

$\frac{4}{7}$



Copyright © 2018 Kids Academy Company. All rights reserved

Get more worksheets at www.kidsacademy.mobi

To sum it up, your kids are now skilled in comparing fractions. They can now determine if a fraction is greater than, lesser than, or equal to a given fraction. With your patience and care, your children have surpassed another challenging topic. Thus, this brings you to the end of the [Math learning](#) bundle centered on [Fractions](#). We look forward to seeing you in the Third Math Learning Bundle! Congratulations for a job well done!



www.kidsacademy.mobi