

Fractions

Fractions name equal-sized parts of a whole.

Numerator

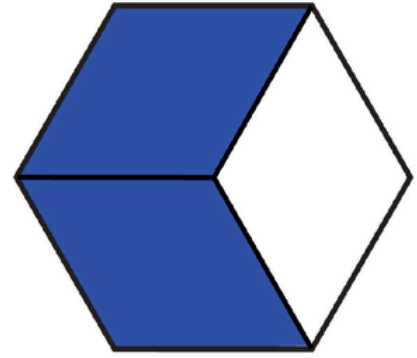
number of the parts
being considered



$$\frac{2}{3}$$

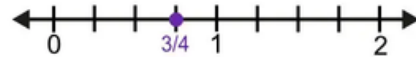
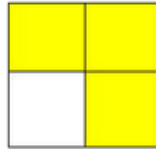
Denominator

number of
equivalent parts in
a whole

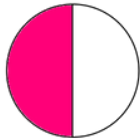


Fractions can be represented using a region model, a set model, and a length model.

$$\frac{3}{4}$$



$$\frac{1}{2}$$



Proper Fraction

A fraction less than one. The numerator is less than the denominator.

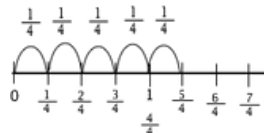
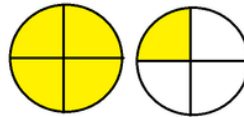
$$\frac{1}{5}$$



Improper Fraction

Fraction greater than or equal to one. The numerator is equal to or greater than the denominator.

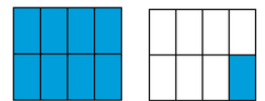
$$\frac{5}{4}$$



Mixed Number

A number that has two parts: a whole number and a proper fraction.

$$1 \frac{1}{8}$$



Fracciones

Las fracciones nombran partes de igual tamaño de un todo.

Numerador

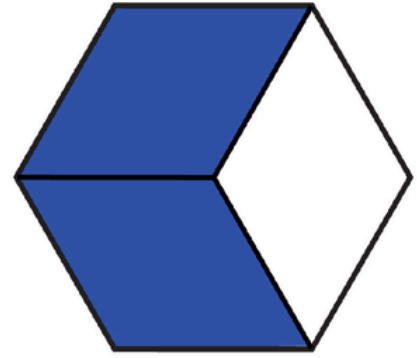
Número de las partes que se están considerando



2
3

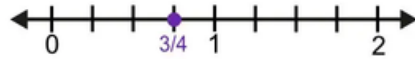
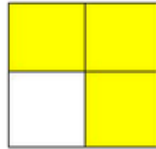
Denominador

Número de partes equivalentes en un todo



Las fracciones se pueden representar utilizando un modelo de región, un modelo de conjunto y un modelo de longitud.

$\frac{3}{4}$



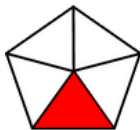
$\frac{1}{2}$



Fracción propia

Fracción menor que uno. El numerador es menor que el denominador.

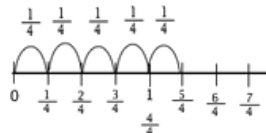
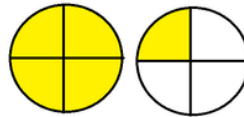
$\frac{1}{5}$



Fracción impropia

Fracción mayor o igual a uno. El numerador es igual o mayor que el denominador.

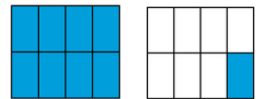
$\frac{5}{4}$



Número mixto

Un número que tiene dos partes: un número entero y una fracción propia.

$1 \frac{1}{8}$



Composing/Decomposing Fractions

Decomposing a fraction is breaking it into parts. Fractions can be decomposed in a variety of ways.



$\frac{5}{6}$ can be decomposed into unit fractions $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$



$\frac{5}{6}$ can be decomposed into $\frac{1}{6} + \frac{4}{6}$



$\frac{5}{6}$ can be decomposed into $\frac{3}{6} + \frac{2}{6}$

A fraction can be composed of the sum of unit fractions.

$$1\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

How to Help at Home

Do activities with your child that require the use of fractions. Some examples are:

Measuring

Cooking

Breaking a treat up to share and talking about the fractional parts

Talk about time in terms of fractions

Composición/descomposición de fracciones

Descomponer una fracción es dividirla en partes. Las fracciones se pueden descomponer de diversas maneras.



$\frac{5}{6}$ can be decomposed into unit fractions $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$



$\frac{5}{6}$ can be decomposed into $\frac{1}{6} + \frac{4}{6}$



$\frac{5}{6}$ can be decomposed into $\frac{3}{6} + \frac{2}{6}$

Una fracción puede estar compuesta por la suma de fracciones unitarias.

$$1\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

Cómo ayudar en casa

Realice actividades con su hijo que requieran el uso de fracciones. Algunos ejemplos son:

Medir

Cocinar

Dividir un bocadillo para compartirlo y hablar sobre las partes fraccionarias

Hablar sobre el tiempo en términos de fracciones