

Lesson 33: Fractions

Purpose of lesson: You will learn what fractions are and the different parts of fractions; such as **numerator** and **denominator**.



Words to Learn:

Fractions are numbers that represent parts of a whole number.

Numerator is the top part of a fraction. $\underline{1}$ or $\underline{3}$ (numerator)

Denominator is the bottom part of a fraction. $\underline{2}$ $\underline{4}$ (denominator)

A fraction is formed by putting the total number of items on the bottom, and the number asked for on the top.



Note: Sometimes you will see a fraction represented having the numerator over the denominator, divided by a horizontal line. Other times you will see a fraction represented having the numerator separated from the denominator by a slash. Both of these formats are the same. With the increased use of computer systems, it is easier to represent fractions using the slash rather than the horizontal line.

Example: $\frac{1}{3}$ is equivalent to 1/3.

Use the slash format for all your answers when taking quizzes.

Take a look at these examples:

In the following example $\frac{1}{3}$ of the triangles is shaded:



In this example $\frac{3}{5}$ of the squares are shaded:



Now you try.

Take Lesson 33 Quiz 1