**Fractions**

Fraction of a whole numbers are explained here with 4 following examples.

**(i)**



Each one is divided into 4 equal parts. One part is shaded, i.e., one-fourth of the shape is shaded and three parts of the shape is unshaded.

We say that, 1/4 of the shape is shaded and 3/4 of the shape is unshaded.

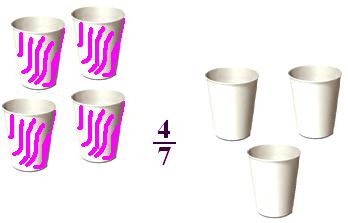
This 1/4 or 3/4 is a **fraction** or a **fractional number**.

1/4 = Out of 4 equal parts of a whole, one part is taken.

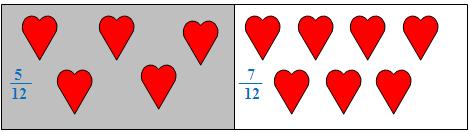
3/4 = Out of 4 equal parts of a whole, 3 parts are taken.

There is a collection of 7 glasses, of which 4 glasses are colorful.

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There are 12 hearts in a collection. 5 hearts are in shaded parts.



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5 out of 12 hearts are in shaded portion and the rest 7 out of 12 hearts are in unshaded portion.

*They represent 5/12 and 7/12 as fractions*