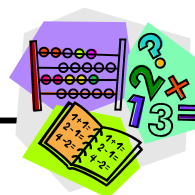


Proper Fractions



Fractions are used in many daily activities and expressions. For example, you might say that it is half an hour until the bell rings, or that there is a quarter of a pizza left. These are both fractions.

Fractions are a way of showing a certain part of a whole.

For example:

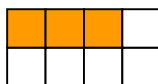
This shape has 4 equal parts.
1 part is shaded.

Fraction: $\frac{1}{4}$



This shape has 8 equal parts.
3 parts are shaded.

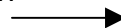
Fraction: $\frac{3}{8}$



Other examples of fractions: $\frac{2}{3}$ $\frac{4}{9}$ $\frac{10}{17}$

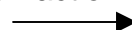


The **numerator** is the **top** part of the fraction
and represents **part** of the total.



3

The **denominator** is the **bottom** part of the fraction
and represents the **total** amount.



8

In **proper fractions**, the numerator is smaller than the denominator.

Think About ...

Think of ten examples of when you have used a fraction recently (e.g., in sports activities, in the kitchen, describing something to a friend).