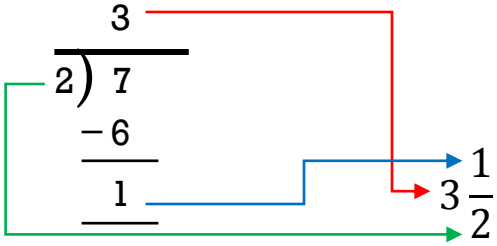
# Converting Improper Fractions Into Mixed Numbers

**How to convert an improper fraction into a mixed number**

An improper fraction is greater than 1 because it has its numerator greater than the denominator. For example; 5/3 is an improper fraction. In this lesson we will explore how to convert an improper fraction in to a mixed number.

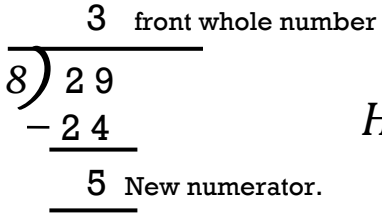
The base is to know how to divide numbers. If students know the basic division, then they can convert any improper fraction in to a mixed number easily.

Let's convert $\frac{7}{2}$ in to a mixed number. We need to divide 7 by 2 to do it.




$3\frac{1}{2}$ *is the mixed number for* $\frac{7}{2}$

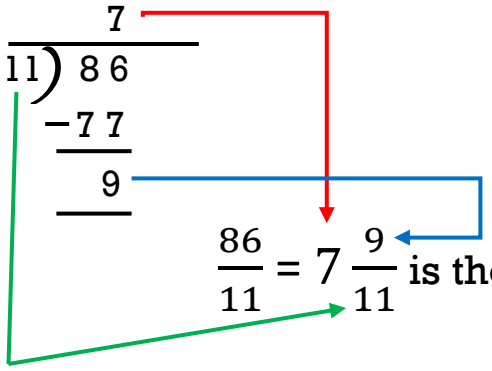
Now let's convert $\frac{29}{8}$ into a mixed number by dividing 29 by 8 as shown below:




$Hence, \frac{29}{8} = 3\frac{5}{8}$

Convert $\frac{86}{11}$ into mixed number.

We need to divide 86 by 11 to get the answer.




$\frac{86}{11} = 7\frac{9}{11}$ is the required mixed number.