

# Converting from a mixed number to improper fraction

$$\underline{3} \quad 1 \frac{2}{3} = \frac{5}{3}$$

The diagram illustrates the conversion process. A yellow '3' is underlined. A blue arrow points from the '3' to the '1' in the mixed number, labeled 'x multiply'. Another blue arrow points from the '1' to the '5' in the numerator of the improper fraction, labeled '+ add'.

1. Multiply the denominator and whole number.
2. Take that answer and add the numerator.
3. Keep the same denominator.

# Converting from an improper fraction to mixed number $1\frac{2}{3}$

$$\begin{array}{r} 5 \\ - \\ 3 \end{array}$$

$$\begin{array}{r} 3 \overline{) 5} \\ \underline{-3} \end{array}$$

remainder  2

1. Divide the numerator by the denominator
2. The remainder becomes your new numerator
3. The denominator stays the same Type equation here.