Convert a Mixed Number to an Improper Fraction

Mixed Number

$$2 \frac{5}{6}$$

A **mixed number** contains whole numbers and parts of a whole (fraction).

1. Look at the denominator of the fraction. This tells you how many parts make up a whole.

Whole Number

Fraction

$$2 \frac{5}{6}$$

2. The numerator for the converted whole number equals the whole number multiplied by the denominator.

$$\frac{12}{6} + \frac{5}{6}$$

3. We can now add the whole number in its fraction form to the fraction already in the mixed number.

Numerator

Denominator

$$\frac{17}{6}$$

4. Add the numerators together to give you your improper fraction.

Improper Fraction

$$\frac{17}{6}$$

An **improper fraction** is one where the numerator is greater than the denominator.