

Fractions

How do I change a mixed number to an improper fraction?

Follow these steps:

- 1.) Multiply the denominator and the whole number together.
- 2.) Add this result to the numerator.
- 3.) Place this result over the original denominator to create the improper fraction.

Example

Convert the mixed number, $2\frac{3}{4}$ to improper fraction form.

Step 1: Multiply the denominator and the whole number together:

$$2\frac{3}{4}$$

$$4 \times 2 = 8$$

Step 2: Add the result from Step 1 to the numerator.

$$2\frac{3}{4}$$

$$8 + 3 = 11$$

Step 3: Place this result over the original denominator to create the improper fraction.

$$\frac{11}{4}$$