Converting an Improper Fraction to a Mixed Number

A **mixed number** is a fraction greater than one (1). It has a whole number and a fraction. **EXAMPLE** $5\frac{1}{3}$ This mixed number is read *five and one-third.*	An **improper fraction** is a fraction greater than one (1). The digit in the numerator (top) is greater than the digit in the denominator (bottom). **EXAMPLE** $\frac{9}{4}$ Notice, the numerator (9) is greater than the denominator (4). This improper fraction is read *nine-fourths.*

To convert an improper fraction to a mixed number follow these three steps:
Step 1: Use the same denominator as in the mixed number.
Step 2: Divide the numerator by the denominator to get the whole number.
Step 3: The leftover amount is the numerator for the fraction.

EXAMPLE

Convert $\frac{9}{4}$ to an improper fraction.

Step 1: $\frac{\quad}{4}$

Step 2: $9 \div 4 = \mathbf{2}\ \text{R1}$

Step 3: $9 \div 4 = 2\ \text{R}\mathbf{1}$

$$\frac{9}{4} = 2\frac{1}{4}$$