

# Convert an Improper Fraction into a Mixed Number

- An **improper fraction** is a fraction with a numerator larger than its denominator. Examples are:  $\frac{12}{5}$ ,  $\frac{7}{2}$ ,  $\frac{10}{3}$
- An improper fraction can be changed into a mixed number, or a **whole number** and a **fraction**. Examples of mixed numbers are:  
 $3\frac{1}{2}$ ,  $10\frac{2}{3}$ ,  $5\frac{3}{4}$
- The **denominator** of an **improper fraction** tells how many unit fractions are needed to make **one whole**. For:
  - $\frac{12}{5}$ , the **denominator** means 5 unit fractions ( $\frac{1}{5}$ ) are needed to make one whole because  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{5}{5} = 1$
  - THINK: *How many groups of 5 can be made from 12?*
  - ANSWER: *2 groups with 2 left over*

