Convert an Improper Fraction to a Mixed Number

An improper fraction has a numerator that is greater than the denominator.

Improper Fractions

$$\frac{13}{5}$$

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

2. The numerator tells you how many parts of a whole (fifths) there are in total.

3. We can work out how many wholes are made by the improper fraction by dividing the numerator by the denominator.
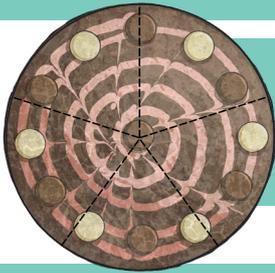
$$13 \div 5 = 2r3$$

$$\frac{5}{5} + \frac{5}{5} = 2 \text{ wholes}$$
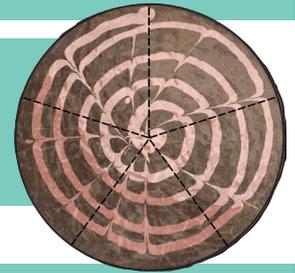
4. We can then write the remainder of the third whole as a proper fraction. This remainder of 3 = $\frac{3}{5}$.

Combine the whole number and fraction to make the mixed number.
$2\frac{3}{5}$

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

Mixed Number
$2\frac{3}{5}$

Whole number   Fraction