

Proper Fraction (PF)
Improper Fraction (IF)
Mixed Number (MN)

1

$$\frac{17}{7}$$

6

$$\frac{10}{11}$$

2

$$3\frac{2}{7}$$

7

$$\frac{23}{9}$$

3

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

8

$$1\frac{8}{13}$$

4

$$\frac{5}{11}$$

9

$$\frac{4}{15}$$

5

$$\frac{21}{8}$$

10

$$\frac{17}{5}$$

How to change a **MIXED NUMBER** to an **IMPROPER FRACTION**?

Mixed Number

Improper Fraction

$$\begin{array}{r} 21 \\ 3 \end{array} + \frac{2}{7} = \frac{\square}{7}$$

The diagram shows the conversion of a mixed number to an improper fraction. On the left, under the label 'Mixed Number', is the expression $21 \times 3 + \frac{2}{7}$. The '21' is blue, the '+' is green, the '3' is black, the 'x' is blue, and the '7' is purple. An equals sign follows. On the right, under the label 'Improper Fraction', is a fraction with a yellow square in the numerator and a purple '7' in the denominator.

- (1) Multiply the whole number times the denominator.
- (2) Add your answer to the numerator.
- (3) Put your new number over the denominator

LET'S TRY!

Directions: Change the following mixed number to improper fraction.

1

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

2

$$1\frac{4}{13} = \frac{\quad}{13}$$

3

$$3\frac{2}{6} = \frac{\quad}{6}$$