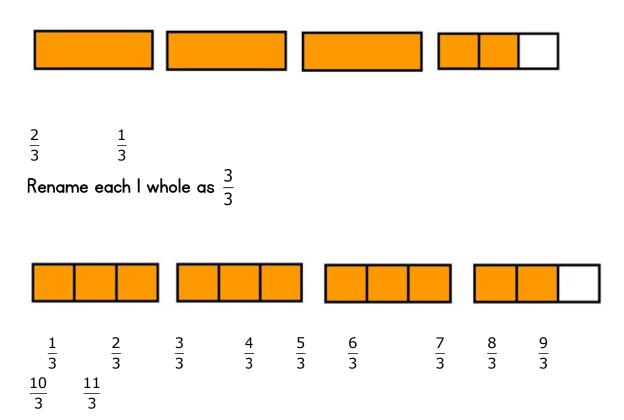# Read and Write Mixed Numbers

A mixed number is made up of a whole number and a fraction.

These models represent a mixed number 3 and $\frac{2}{3}$, or $3\frac{2}{3}$.

$\frac{2}{3}$ $\frac{1}{3}$

Rename each 1 whole as $\frac{3}{3}$

$\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$ $\frac{4}{3}$ $\frac{5}{3}$ $\frac{6}{3}$ $\frac{7}{3}$ $\frac{8}{3}$ $\frac{9}{3}$

$\frac{10}{3}$ $\frac{11}{3}$

The total number of thirds is the numerator of the fraction. The numerator is 11.

So, $3\frac{2}{3}$ renamed as a fraction is $\frac{11}{3}$.

Examples:

A- Rename each fraction as a mixed number.

1) $6\frac{2}{5}$

$$6\frac{2}{5} = \frac{6 \times 5 + 2}{5} = \frac{30 + 2}{5} = \frac{32}{5}$$

2) $5\frac{4}{7}$

$$5\frac{4}{7} = \frac{5 \times 7 + 4}{7} = \frac{35 + 4}{7} = \frac{39}{7}$$

3) $2\frac{1}{9}$

$$2\frac{1}{9} = \frac{2 \times 9 + 1}{9} = \frac{18 + 1}{9} = \frac{19}{9}$$