Mixed Numbers and Improper Fractions

Write the mixed number as a fraction. Name:

Example: $2\frac{3}{4}$

You can take the number 2 and write it as 1 + 1. Then you can take each 1 and write it as $1 = \frac{4}{4}$.

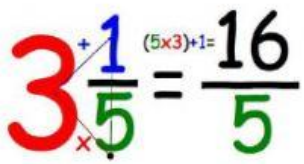
$$2\frac{3}{4} = 1 + 1 + \frac{3}{4}$$

$$2\frac{3}{4} = \frac{4}{4} + \frac{4}{4} + \frac{3}{4} = \frac{11}{4}$$

$$2\frac{3}{4} = \frac{11}{4}$$

There's another way to write a mixed number as an improper fraction: You multiply (M) the denominator by the whole number, then add (A) the numerator, then write that result over the denominator (D).

How to Make a Mixed Number MAD



Example: $2\frac{3}{4}$

Multiply the denominator (4) by the whole number (2), you get 8. Add 8 and the numerator (3) you get 11. Write 11 over the original denominator: $\frac{11}{4}$

Let's Practice!!

Write the mixed numbers as improper fractions.

1) $1\frac{5}{7} = —$

2) $2\frac{1}{3} = —$

3) $3\frac{4}{9} = —$

4) $5\frac{3}{4} = —$