Mixed Fractions

A mixed fraction, or mixed number, is a whole number and a proper fraction combined.
These fractions can also be written as improper fractions.
To convert a mixed fraction to a improper fraction, follow the steps below.

1. Multiply the whole number part by the fraction's denominator.
2. Add that to the numerator.
3. Then write the result on top of the denominator.

Example: Convert $3\frac{2}{5}$ **to an improper fraction.**

Multiply the whole number by the denominator: **3 x 5 = 15**

Add the numerator to that: **15 + 2 = 17**

Then write that down above the denominator, like this: $\frac{17}{5}$

Convert the following mixed numbers to improper fractions.
Write your answer on the line next to each problem.

1) $\mathbf{5\frac{1}{3}} =$ _____

2) $\mathbf{2\frac{1}{8}} =$ _____

3) $\mathbf{3\frac{1}{4}} =$ _____

4) $\mathbf{3\frac{2}{9}} =$ _____

5) $\mathbf{9\frac{3}{8}} =$ _____

6) $\mathbf{2\frac{1}{2}} =$ _____

7) $\mathbf{3\frac{1}{4}} =$ _____

8) $\mathbf{6\frac{1}{10}} =$ _____

9) $\mathbf{5\frac{7}{10}} =$ _____

10) $\mathbf{9\frac{1}{2}} =$ _____

11) $\mathbf{9\frac{1}{5}} =$ _____

12) $\mathbf{6\frac{1}{2}} =$ _____

13) $\mathbf{5\frac{4}{9}} =$ _____

14) $\mathbf{9\frac{2}{3}} =$ _____

15) $\mathbf{2\frac{3}{8}} =$ _____

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Convert the following mixed numbers to improper fractions.
Write your answer on the line next to each problem.

1) $5\frac{1}{3} = \frac{16}{3}$

2) $2\frac{1}{8} = \frac{17}{8}$

3) $3\frac{1}{4} = \frac{13}{4}$

4) $3\frac{2}{9} = \frac{29}{9}$

5) $9\frac{3}{8} = \frac{75}{8}$

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

7) $3\frac{1}{4} = \frac{13}{4}$

8) $6\frac{1}{10} = \frac{61}{10}$

9) $5\frac{7}{10} = \frac{57}{10}$

10) $9\frac{1}{2} = \frac{19}{2}$

11) $9\frac{1}{5} = \frac{46}{5}$

12) $6\frac{1}{2} = \frac{13}{2}$

13) $5\frac{4}{9} = \frac{49}{9}$

14) $9\frac{2}{3} = \frac{29}{9}$

15) $2\frac{3}{8} = \frac{19}{8}$