Add Mixed Numbers

<u>Mixed numbers</u> are numbers with a whole number and a fraction. To add mixed numbers, first add the whole numbers. Then, add the fraction. Be sure the fractions have a common denominator before you add.

Example: Elise ate 2 1/3 chocolate chip cookies and 2 2/9 sugar cookies. How many cookies did Elise eat in all?

$$2\frac{1}{3} + 2\frac{2}{9} =$$

1. Add the whole numbers.
2. Get a common denominator for 3 and 9. Least Common Denominator (LCD) = 9
3. Add the fractions.

Rewrite the problem using a common denominator.

$$2\frac{3}{9} + 2\frac{2}{9} = 4\frac{5}{9} \text{ cookies}$$

Solve by rewriting the problem using a common denominator. Simplify.

1. $3\frac{3}{8} + 1\frac{1}{4} =$

$3\frac{}{8} + 1\frac{}{8} =$

2. $5\frac{2}{3} + 2\frac{1}{5} =$

$5\frac{}{15} + 2\frac{}{15} =$

3. $1\frac{4}{10} + 4\frac{1}{6} =$

$\underline{\quad} + \underline{\quad} =$

4. $7\frac{1}{2} + 3\frac{1}{4} =$

$\underline{\quad} + \underline{\quad} =$

5. $2\frac{1}{12} + 6\frac{5}{6} =$

$\underline{\quad} + \underline{\quad} =$

6. $3\frac{1}{4} + 4\frac{3}{10} =$

$\underline{\quad} + \underline{\quad} =$