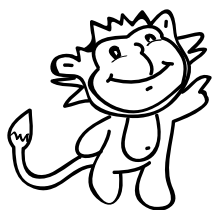


Adding and Subtracting Mixed Numbers

Adding and subtracting mixed fractions with unlike denominators may seem impossible, but if you follow these three simple steps, you will be a pro!



-First, convert your mixed fraction to an improper fraction.

-Next, find a common denominator and add or subtract the fractions.

-Last, convert the answer back to a mixed fraction.

Quick Reminder: An improper fraction has a numerator that is greater than or equal to the denominator.

Example:

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

Convert
to an
improper
fraction.

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

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

Find a
common
denominator.

$$\frac{13}{4}$$
$$\frac{10}{4}$$

Now, add
them.

$$\frac{13}{4} + \frac{10}{4} = \frac{23}{4}$$

Convert
back to a
mixed fraction.

$$5\frac{3}{4}$$

For each problem below, follow the steps used in the example to find your solution.
Be sure to show all your work in the space provided.

$$1) 3\frac{5}{8} + 1\frac{3}{4} = ?$$

$$5) 3\frac{2}{3} + 2\frac{5}{7} = ?$$

$$2) 6\frac{5}{6} - 3\frac{1}{4} = ?$$

$$6) 5\frac{4}{5} - 3\frac{1}{3} = ?$$

$$3) 4\frac{1}{3} + 3\frac{2}{5} = ?$$

$$7) 4\frac{1}{4} + 1\frac{1}{3} = ?$$

$$4) 7\frac{7}{8} - 6\frac{1}{4} = ?$$

$$8) 11\frac{5}{6} - 5\frac{1}{2} = ?$$