

Adding and Subtracting Mixed Numbers

With unlike Denominators



Read and solve each word problem. Use the steps below to help you.

Steps:

1. Check to see if the denominators are the same.
2. Pull out your fractions.
3. Write down your multiples.
4. Find the LCD
5. Rewrite your new fraction.
6. Solve

1. Ramiya, Wadneisha, and Aniyah went for a walk. They walked $5\frac{1}{4}$ miles from school to Ramiya's house. Then they walked $6\frac{4}{6}$ miles from Ramiya's house to the park. What is the total distance that the girls walked?

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$

2. Jabez and Camryn went out for pizza. Jabez ate $2\frac{2}{6}$ of pizza and Camryn ate $1\frac{1}{4}$ of pizza. How much did they eat altogether?

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$

3. Anabelle has $7\frac{2}{6}$ feet of red ribbon and $3\frac{1}{5}$ of orange ribbon. How much more red ribbon does she have than orange ribbon?

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$