

# Add Fractions With Unlike Denominators

Add  $\frac{4}{5} + \frac{2}{3}$ .

**Step 1:** Use the LCD to find equivalent fractions.

$$\begin{array}{r} \frac{4}{5} = \frac{12}{15} \\ + \frac{2}{3} = \frac{10}{15} \\ \hline \end{array}$$

**Step 2:** Add the fractions.

$$\begin{array}{r} \frac{12}{15} \\ + \frac{10}{15} \\ \hline \frac{22}{15} \end{array}$$

**Step 3:** Simplify.

$$\frac{22}{15} = 1\frac{7}{15}$$

Add. Write each sum in simplest form.

1.  $\frac{2}{3} + \frac{2}{8}$

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2.  $\frac{3}{4} + \frac{5}{8}$

\_\_\_\_\_

3.  $\frac{9}{10} + \frac{3}{5}$

\_\_\_\_\_

4.  $\frac{6}{10} + \frac{1}{2}$

\_\_\_\_\_

5.  $\frac{5}{6} + \frac{7}{9}$

\_\_\_\_\_

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

\_\_\_\_\_

7.  $\frac{3}{10}$   
+  $\frac{9}{20}$   
\_\_\_\_\_

8.  $\frac{6}{10}$   
+  $\frac{1}{4}$   
\_\_\_\_\_

9.  $\frac{5}{8}$   
+  $\frac{5}{6}$   
\_\_\_\_\_

10.  $\frac{2}{8}$   
+  $\frac{3}{4}$   
\_\_\_\_\_

11.  $\frac{3}{5}$   
+  $\frac{1}{3}$   
\_\_\_\_\_

12.  $\frac{9}{10}$   
+  $\frac{3}{15}$   
\_\_\_\_\_

## Problem Solving

13. A chef used  $\frac{3}{4}$  cup of water and  $\frac{1}{2}$  cup of milk in a recipe. How many cups of water and milk did she use altogether?
- \_\_\_\_\_

Show Your Work