

Adding Unlike Fractions

Convert the fractions so they have the same denominator.
Add the fractions.

1. $\frac{4}{3} + \frac{5}{6} = \underline{\quad}$
 $\frac{\quad}{6} + \frac{\quad}{6} = \frac{\quad}{6}$

2. $\frac{1}{4} + \frac{2}{5} = \underline{\quad}$
 $\frac{\quad}{20} + \frac{\quad}{20} = \frac{\quad}{20}$

3. $\frac{4}{5} + \frac{5}{3} = \underline{\quad}$
 $\frac{\quad}{15} + \frac{\quad}{15} = \frac{\quad}{15}$

4. $\frac{6}{4} + \frac{2}{3} = \underline{\quad}$
 $\frac{\quad}{12} + \frac{\quad}{12} = \underline{\quad}$

5. $\frac{5}{6} + \frac{3}{4} = \underline{\quad}$
 $\frac{\quad}{12} + \frac{\quad}{12} = \underline{\quad}$

6. $\frac{5}{3} + \frac{3}{8} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

7. $\frac{4}{5} + \frac{7}{6} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

8. $\frac{6}{9} + \frac{3}{4} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

9. $\frac{3}{2} + \frac{7}{9} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

10. $\frac{15}{7} + \frac{4}{6} = \underline{\quad}$
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

Adding Unlike Fractions **Answers**

Convert the fractions so they have the same denominator.
Add the fractions.

$$\begin{aligned} 1. \quad \frac{4}{3} + \frac{5}{6} &= \frac{13}{6} \\ \frac{8}{6} + \frac{5}{6} &= \frac{13}{6} \end{aligned}$$

$$\begin{aligned} 2. \quad \frac{1}{4} + \frac{2}{5} &= \frac{13}{20} \\ \frac{5}{20} + \frac{8}{20} &= \frac{13}{20} \end{aligned}$$

$$\begin{aligned} 3. \quad \frac{4}{5} + \frac{5}{3} &= \frac{37}{15} \\ \frac{12}{15} + \frac{25}{15} &= \frac{37}{15} \end{aligned}$$

$$\begin{aligned} 4. \quad \frac{6}{4} + \frac{2}{3} &= \frac{13}{6} \\ &\text{(simplified)} \\ \frac{18}{12} + \frac{8}{12} &= \frac{26}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad \frac{5}{6} + \frac{3}{4} &= \frac{19}{12} \\ \frac{10}{12} + \frac{9}{12} &= \frac{19}{12} \end{aligned}$$

$$\begin{aligned} 6. \quad \frac{5}{3} + \frac{3}{8} &= \frac{49}{24} \\ \frac{40}{24} + \frac{9}{24} &= \frac{49}{24} \end{aligned}$$

$$\begin{aligned} 7. \quad \frac{4}{5} + \frac{7}{6} &= \frac{59}{30} \\ \frac{24}{30} + \frac{35}{30} &= \frac{59}{30} \end{aligned}$$

$$\begin{aligned} 8. \quad \frac{6}{9} + \frac{3}{4} &= \frac{17}{12} \\ &\text{(simplified)} \\ \frac{24}{36} + \frac{27}{36} &= \frac{51}{36} \end{aligned}$$

$$\begin{aligned} 9. \quad \frac{3}{2} + \frac{7}{9} &= \frac{41}{18} \\ \frac{27}{18} + \frac{14}{18} &= \frac{41}{18} \end{aligned}$$

$$\begin{aligned} 10. \quad \frac{15}{7} + \frac{4}{6} &= \frac{59}{21} \\ &\text{(simplified)} \\ \frac{90}{42} + \frac{28}{42} &= \frac{118}{42} \end{aligned}$$