

# Add and Subtract Fractions with Unlike Denominators

Add or subtract. Write your answer in simplest form.

$$1. \quad \begin{array}{r} \frac{1}{2} \\ + \frac{1}{5} \\ \hline \end{array}$$

$$2. \quad \begin{array}{r} \frac{2}{5} \\ + \frac{7}{10} \\ \hline \end{array}$$

$$3. \quad \begin{array}{r} \frac{5}{8} \\ - \frac{3}{16} \\ \hline \end{array}$$

$$4. \quad \begin{array}{r} \frac{3}{5} \\ - \frac{3}{20} \\ \hline \end{array}$$

$$5. \quad \begin{array}{r} \frac{9}{10} \\ + \frac{7}{10} \\ \hline \end{array}$$

$$6. \quad \begin{array}{r} \frac{7}{12} \\ - \frac{1}{3} \\ \hline \end{array}$$

$$7. \quad \begin{array}{r} \frac{9}{10} \\ - \frac{2}{5} \\ \hline \end{array}$$

$$8. \quad \begin{array}{r} \frac{2}{3} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$9. \quad \begin{array}{r} \frac{3}{4} \\ - \frac{2}{5} \\ \hline \end{array}$$

$$10. \quad \begin{array}{r} \frac{7}{12} \\ + \frac{3}{4} \\ \hline \end{array}$$

$$11. \quad \begin{array}{r} \frac{2}{3} \\ - \frac{3}{8} \\ \hline \end{array}$$

$$12. \quad \begin{array}{r} \frac{9}{20} \\ + \frac{3}{5} \\ \hline \end{array}$$

$$13. \quad \frac{7}{16} + \frac{3}{8} = \underline{\hspace{2cm}}$$

$$14. \quad \frac{5}{6} + \frac{7}{12} = \underline{\hspace{2cm}}$$

$$15. \quad \frac{15}{16} - \frac{5}{8} = \underline{\hspace{2cm}}$$

$$16. \quad \frac{17}{20} - \frac{3}{4} = \underline{\hspace{2cm}}$$

$$17. \quad \frac{1}{4} + \frac{4}{5} = \underline{\hspace{2cm}}$$

$$18. \quad \frac{1}{2} - \frac{1}{5} = \underline{\hspace{2cm}}$$

$$19. \quad \frac{5}{8} + \frac{2}{5} = \underline{\hspace{2cm}}$$

$$20. \quad \frac{7}{10} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$21. \quad \frac{5}{6} - \frac{5}{8} = \underline{\hspace{2cm}}$$

**Algebra & Functions** Find each missing number.

$$22. \quad \underline{\hspace{2cm}} + \frac{1}{2} = \frac{7}{8}$$

$$23. \quad \underline{\hspace{2cm}} - \frac{5}{12} = \frac{1}{3}$$

$$24. \quad \frac{4}{5} - \underline{\hspace{2cm}} = \frac{7}{10}$$

$$25. \quad \frac{1}{4} + \underline{\hspace{2cm}} = \frac{13}{16}$$

$$26. \quad \underline{\hspace{2cm}} + \frac{3}{4} = \frac{5}{6}$$

$$27. \quad \underline{\hspace{2cm}} - \frac{1}{3} = \frac{4}{15}$$

## Problem Solving

28. After school, Michael walks  $\frac{3}{5}$  mile to the park and then walks  $\frac{3}{4}$  mile to his house. How far does Michael walk from school to his house?

\_\_\_\_\_

29. When Rachel walks to school on the sidewalk, she walks  $\frac{7}{10}$  mile. When she takes the shortcut across the field, she walks  $\frac{1}{4}$  mile less. How long is the shorter route?

\_\_\_\_\_