Adding Unlike Fractions

Related Denominators

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

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

$\frac{\quad}{4} + \frac{\quad}{4} = \frac{\quad}{4}$

2. $\frac{6}{8} + \frac{11}{16} = \frac{\quad}{\quad}$

$\frac{\quad}{16} + \frac{\quad}{16} = \frac{\quad}{16}$

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

$\frac{\quad}{6} + \frac{\quad}{6} = \frac{\quad}{6}$

4. $\frac{9}{10} + \frac{7}{5} = \frac{\quad}{\quad}$

$\frac{\quad}{10} + \frac{\quad}{10} = \frac{\quad}{\quad}$

5. $\frac{14}{9} + \frac{10}{3} = \frac{\quad}{\quad}$

$\frac{\quad}{9} + \frac{\quad}{9} = \frac{\quad}{\quad}$

6. $\frac{8}{4} + \frac{9}{12} = \frac{\quad}{\quad}$

$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\frac{9}{5} + \frac{8}{20} = \frac{\quad}{\quad}$

$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{3}{2} + \frac{14}{6} = \frac{\quad}{\quad}$

$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{21}{18} + \frac{8}{6} = \frac{\quad}{\quad}$

$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\frac{5}{15} + \frac{7}{30} = \frac{\quad}{\quad}$

$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Adding Unlike Fractions Answers

Related Denominators

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

1. $\frac{5}{2} + \frac{5}{4} = \frac{15}{4}$

   $\frac{10}{4} + \frac{5}{4} = \frac{15}{4}$

2. $\frac{6}{8} + \frac{11}{16} = \frac{23}{16}$

   $\frac{12}{16} + \frac{11}{16} = \frac{23}{16}$

3. $\frac{4}{3} + \frac{8}{6} = \frac{16}{6}$

   $\frac{8}{6} + \frac{8}{6} = \frac{16}{6}$

4. $\frac{9}{10} + \frac{7}{5} = \frac{23}{10}$

   $\frac{9}{10} + \frac{14}{10} = \frac{23}{10}$

5. $\frac{14}{9} + \frac{10}{3} = \frac{44}{9}$

   $\frac{14}{9} + \frac{30}{9} = \frac{44}{9}$

6. $\frac{8}{4} + \frac{9}{12} = \frac{33}{12}$

   $\frac{24}{12} + \frac{9}{12} = \frac{33}{12}$

7. $\frac{9}{5} + \frac{8}{20} = \frac{44}{20}$

   $\frac{36}{20} + \frac{8}{20} = \frac{44}{20}$

8. $\frac{3}{2} + \frac{14}{6} = \frac{23}{6}$

   $\frac{9}{6} + \frac{14}{6} = \frac{23}{6}$

9. $\frac{21}{18} + \frac{8}{6} = \frac{45}{18}$

   $\frac{21}{18} + \frac{24}{18} = \frac{45}{18}$

10. $\frac{5}{15} + \frac{7}{30} = \frac{17}{30}$

    $\frac{10}{30} + \frac{7}{30} = \frac{17}{30}$